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LIST
OF THE
SPECIMENS
OF
LEPIDOPTEROUS INSECTS
IN
THE COLLECTION
OF THE
BRITISH MUSEUM.

BY
FRANCIS WALKER, F.L.S., &c.

PART XXX.
TINEITES.

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P R E F A C E .

THE object of the present Catalogue is to give a complete list of all the genera and species of Crambites, Tortricites and Tineites known to exist in the different collections. The letters *a*, *b*, *c*, &c., after the species, denote the specimens now contained in the British Museum, followed by the *habitat* and the mode in which each of them was obtained, and the absence of these *letters* indicates the species which are desiderata, and therefore desirable to be procured for the collection.

JOHN EDWARD GRAY.

British Museum,

June, 1864.

PLATE 12

CATALOGUE

LEPIDOPTERA HETEROCERA

SIXTH SERIES

LEPIDOPTERA

LEPIDOPTERA

LEPIDOPTERA

LEPIDOPTERA

CATALOGUE
OF
LEPIDOPTERA HETEROCERA.

SIXTH SERIES.

Fam 5. GLYPHYPTERYGIDÆ.

Glyphypterygidæ, *Sta.*

Genus 1. ACROLEPIA.

Acrolepia, *Ct.*

1. ACROLEPIA GRANITELLA.

granitella, *Tr.*

a—d. England. Presented by F. Bond, Esq.

e—g. England.

2. ACROLEPIA SOLIDAGINIS.

Solidaginis, *Std.*

3. ACROLEPIA EGLANTERIELLA.

eglanteriella, *Mn.*

4. ACROLEPIA PERLEPIDELLA.

perlepidella, *Sta.*—fulviceps, *Wck.*—ruficeps, *H.-S.*

5. ACROLEPIA PYGMÆANA.

pygmæana, *Hw.*—autumnitella, *Ct.*—Lefebvriella, *Dp.*—Heleniella, *Zl.*—vigeliella, *Dp.*

a—d. England.

6. ACROLEPIA BETULELLA.

betulella, *Ct.*—assectella, *Zl.*

7. ACROLEPIA VESPERELLA.

vesperella, *Zl.*

8. ACROLEPIA FUMOCILIELLA.

fumociliella, *Mn.*

9. ACROLEPIA CARIOSELLA.

cariosella, *Zl.*—reticulella, *Tr.*

Genus 2. ROESLERSTAMMIA.

Roeslerstammia, *Zl.*

1. ROESLERSTAMMIA ERXLEBELLA.

Erxlebella, *F.*—fuscocuprella, *Hw.*—chrysitella, *Tr.*—Erxlebinella, *Zl.*—æneella, *Dp.*

a. England.

2. ROESLERSTAMMIA PRONUBELLA.

pronubella, *W. V.*

Genus 3. GLYPHYPTERYX.

Glyphipteryx, *Hb.*

1. GLYPHYPTERYX LORICATELLA.

loricatella, *Tr.*

2. GLYPHYPTERYX BERGSTRAESSERELLA.

Bergstraesserella, *F.*—Linneana, *Hb.*—Linneella, *Hb.*—Treitschkeana, *Froel.*

South Africa.

3. GLYPHYPTERYX ? DIMIDIATELLA.

Cuprea, sat robusta; antennæ alis anticis multo breviores; abdomen alas posticas longissime superans; alæ anticæ angustæ, dimidio basali aurato-flavo.

Cupreous, rather stout. Antennæ much shorter than the fore wings. Abdomen extending for nearly its whole length beyond the hind wings. Wings narrow; fringe long. Fore wings gilded yellow for half the length from the base. Length of the body 3 lines; of the wings 8 lines.

a. Cape. From M. Dregé's collection.

Asia.

4. GLYPHYPTERYX SCITULELLA.

Fœm. Læte ochracea, robusta, subtus viridis; antennæ sat validæ; alæ anticæ apices versus atræ, cyaneo et purpureo variæ, striga basali lineisque duabus transversis viridibus; posticæ purpurascences.

Female. Bright ochraceous, stout, metallic-green beneath. Palpi short, decumbent. Antennæ æneous, rather thick. Abdomen æneous, short, tapering. Legs rather slender; spurs moderately long. Fore wings deep black, varied with blue and purple for full one-third of the length from the tips; a subcostal metallic-green streak extending nearly to a transverse line of the same hue, which is black-bordered on the outer side, and is nearly parallel to another transverse line, the latter bordering the black part. Hind wings purplish. Length of the body 3 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

5. GLYPHYPTERYX APPARITELLA.

Ænea, gracilis; antennæ gracillimæ, alis anticis paullo breviores; alæ anticæ perangustæ, fascia exteriori lata aurata.

Æneous, slender. Antennæ very slender, a little shorter than the fore wings. Legs slender; spurs long. Wings very narrow; fringe long. Fore wings with a broad gilded band beyond the middle. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

6. GLYPHYPTERYX? PERORNATELLA.

Mas. *Viridis, micans, sat robusta; caput antice cyaneum; abdomen ochraceum, basi fasciæque subapicali ochraceis; alæ anticæ apices versus aurato-ochraceæ, guttis quatuor cupreis micantibus; posticæ purpureæ.*

Male. Brilliant metallic-green, smooth, squamous, rather stout. Head bright blue in front. Palpi yellowish, decumbent, shorter than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ rather stout. Abdomen bright ochraceous, cupreous at the base, and with a cupreous subapical band, pale gilded beneath. Legs cupreous; spurs short; joints of the tarsi with pale gilded tips. Fore wings gilded ochraceous towards the tips, with four glittering cupreous dots, two submarginal and two marginal. Hind wings purple. Length of the body 5 lines; of the wings 11 lines.

a. North China. From Mr. Fortune's collection.

Australia.

7. GLYPHYPTERYX SABELLA.

Sabella, *Nwm.*

Australia.

8. GLYPHYPTERYX RECEPTELLA.

Mas. *Cupreo-cervina; caput subaurato-albidum; abdomen ochraceum, apicem versus cupreo-cervinum; pedes aurato-flavi; alæ anticæ angustæ, vix acutæ, lineis tribus basalibus albis, fascia exteriori lata aurato-flava guttam auratam micantem includente, strigulis duabus transversis pallide flavis, apice cupreo.*

Male. Cupreous fawn-colour, pale gilded yellow beneath. Head whitish, slightly gilded. Antennæ slender. Abdomen ochraceous, extending much beyond the hind wings, cupreous fawn-colour towards the tip. Legs pale gilded yellow, smooth, slender. Wings narrow; fringe very long. Fore wings hardly acute, with three slender longitudinal white lines near the base; a broad pale gilded yellow exterior band, which includes a glittering gilded dot near the interior border, and extends nearly to the cupreous tip;

the exterior part of the band is abbreviated towards the costa, with which it is connected by two pale yellow transverse streaklets. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

New Zealand.

9. GLYPHYPTERYX EXTERNELLA.

*Fœm. Cuprea; alæ anticæ apice rotundatæ macula costali exte-
riore cinerea.*

Female. Cupreous. Antennæ a little shorter than the fore wings. Fore wings narrow, rounded at the tips, with a cinereous spot on the costa beyond the middle. Fringe of the hind-wings very long. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

10. GLYPHYPTERYX SCINTELELLA.

Cuprea; antennæ sat validæ; pedes argenteo fasciati; alæ anticæ argenteo quadrimaculatæ.

Cupreous. Antennæ rather stout, little more than half the length of the fore wings. Tibiæ and tarsi with silvery bands. Wings narrow. Fore wings with four silvery spots, which extend from the costa to the disk. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. New Zealand. Presented by Col. Bolton.

Genus 4. ÆCHMIA.

Æchmia, Tr.

1. ÆCHMIA FUSCOVIRIDELLA.

fuscoviridella, Hw.—albicostella, Dp.

a. England. Presented by E. Shepherd, Esq.

b, c. England. From Mr. Chant's collection.

d—m. England.

2. ÆCHMIA CLADIELLA.

cladiella, Sta.

3. *ÆCHMIA THRASONELLA*.

thrasonella, *Sc.*—Fueslella, *F.*—Fyeslella, *F.*—Fueslii, *Hw.*—Sep-
pella, *Hb.*—triguttella, *Dn.*—Aillyella, *Hb.*—equitella, *var.*
seppella, *Tr.*

- a.* England. From Mr. King's collection.
b. England. Presented by E. Shepherd, Esq.
c—e. England. From Mr. Bouchard's collection.
f—p. England.

4. *ÆCHMIA HAWORTHANA*.

Haworthana, *St.*—zonella, *Ztt.*

- a—i.* England.

5. *ÆCHMIA EQUITELLA*.

equitella, *Sc.*—Klemannella, *F.*

- a—g.* England.

6. *ÆCHMIA SCHÆNICOLELLA*.

Schœnicolella, *Sta.*

7. *ÆCHMIA OCULATELLA*.

oculatella, *Zl.*—Lucasella, *Dp.*

8. *ÆCHMIA FISCHERIELLA*.

Fischeriella, *Zl.*—desiderella, *Fr.*—Roeslerstammella, *F.-R.*—
Æchmiella, *Dp.*—desideratella, *Dp.*

- a.* England. From Mr. Chant's collection.
b—j. England.

Africa.

9. *ÆCHMIA BOHEMANNI*.

Bohemanni, *Zl.*

South Africa.

Genus 5. *TIMAGMA*.

Timagma, *Zl.*

1. TIMAGMA DENTELLUM.

dentellum, *Zl.*—subdentella, *Sta.*

a—e. England.

2. TIMAGMA PERDICELLUM.

perdicellum, *Zl.*

3. TIMAGMA PROFUGELLUM.

profugellum, *Sta.*

4. TIMAGMA BORKHAUSENIELLUM.

Borkhauseniellum, *H.-S.*

5. TIMAGMA HERRICHIELLUM.

Herrichiellum, *H.-S.*

6. TIMAGMA SALTATRICELLUM.

saltatricellum, *F.-R.*

7. TIMAGMA BALTEOLELLUM.

balteolellum, *F.-R.*

8. TIMAGMA THYMETELLUM.

thymetellum, *Std.*

9. TIMAGMA TRANSVERSELLUM.

transversellum, *Zl.*

Genus 6. DOUGLASIA.

Douglasia, *Sta.*

1. DOUGLASIA OCNEROSTOMELLA.

ocnerostomella, *Sta.*

a. England. From Mr. Bouchard's collection.

b—d. England.

Genus 7. PERITTIA.

Perittia, *Sta.*

1. PERITTIA OBSCUREPUNCTELLA.

obscurepunctella, *Sta.**a, b.* England.

Genus 8. HELIOZELA.

Heliozela, *Hb.*

1. HELIOZELA SERICIELLA.

sericiella, *Hw.*—metallicella, *Zl.**a—i.* England.

2. HELIOZELA STANNEELLA.

Stanneella, *F.-R.*

3. HELIOZELA LITHARGYRELLA.

lithargyrella, *Zl.*

4. HELIOZELA RESPLENDELLA.

resplendella, *Sta.*—metallicella, *Sta.*

Genus 9. BRENTHIA.

Brenthia, *Clms.*

1. BRENTHIA PAVONACELLA.

pavonacella, *Clms.*

United States.

Fam. 6. ARGYRESTHIDÆ.

Argyresthidæ, *Sta.*

Genus 1. ARGYRESTHIA.

Argyresthia, *Hb.*—Ismene, *St.*—Æcophora, *F.-R.*

1. ARGYRESTHIA EPHIPPELLA.

ephippella, *F.*—ephippium, *F.*—pruniella, *Hb.*—transpodella, *St.*

- a.* England From Mr. Chant's collection.
b. England. From Mr. Bouchard's collection.
c—i. England.

2. ARGYRESTHIA NITIDELLA.

nitidella, *F.*—*pruni*, *Hw.*—*pruniella*, *St.*

- a.* England. From Mr. Bouchard's collection.
b—q. England.

3. ARGYRESTHIA PURPURASCENTELLA.

purpurascentella, *Sta.*

- a.* England. From Mr. Bouchard's collection.

4. ARGYRESTHIA SEMITESTACELLA.

semitestacella, *Ct.*—*semipurpurella*, *Hnm.*

- a, b.* England.

5. ARGYRESTHIA RUFELLA.

rufella, *Tgstr.*

6. ARGYRESTHIA ALBISTRIA.

albistria, *Hw.*—*fagetella*, *Moritz*, *Zl.*—*fagatella*, *H.-S.*

- a, b.* England. From Mr. Bouchard's collection.
c. England. From Mr. Chant's collection.
d—p. England.

7. ARGYRESTHIA SPINELLA.

spinella, *Zl.*

8. ARGYRESTHIA CONJUGELLA.

conjugella, *Zl.*

- a, b.* England. From Mr. Bouchard's collection.
c—j. England.

9. ARGYRESTHIA SEMIFUSCA.

semifusca, *Hw.*—*semipurpurella*, *St.*—*pruniella*, *Dn.*

- a.* England.

10. ARGYRESTHIA MENDICA.

mendica, *Hw.*—*mendicella*, *St.*—*cæsiella*, *Tr.*—*pruniella*, *Ztt.*
tetrapodella, *Zl.*—*spinosella*, *Sta.*

a. England. From Mr. Chant's collection.

b—*i.* England.

11. ARGYRESTHIA PULCHELLA.

pulchella, *Lienig*, *Zl.*

12. ARGYRESTHIA GLAUCINELLA.

glaucinella, *Zl.*

a—*d.* England. Presented by F. Bond, Esq.

13. ARGYRESTHIA FUNDELLA.

fundella, *Fischer*, *F.-R.*

14. ARGYRESTHIA RETINELLA.

retinella, *Zl.*

a—*e.* England. From Mr. Wing's collection.

f. England. From Mr. Bouchard's collection.

g—*p.* England.

q, r. Germany. From M. Heminghoffen's collection.

15. ARGYRESTHIA ABDOMINALIS.

abdominalis, *Zl.*

a, b. England.

16. ARGYRESTHIA INAURATELLA.

inauratella, *Tgstr.*

17. ARGYRESTHIA DILECTELLA.

dilectella, *Zl.*

a, b. England. From Mr. Wing's collection.

c—*h.* England.

18. ARGYRESTHIA ANDEREGGIELLA.

Andereggiella, *Dp.*—*V-ella*, *Hw.*

- a, b.* England. From Mr. Wing's collection.
c. England. From Mr. Bouchard's collection.
d—i. England. From Mr. Meek's collection.
j—l. England.

19. ARGYRESTHIA CURVELLA.

curvella, *L.*—cornella, *F.*—curva, *Hw.*—sparsella, *Zl.*

- a—d.* England. From Mr. Wing's collection.
e. England. From Mr. King's collection.
f—n. England.

20. ARGYRESTHIA SORBIELLA.

sorbiella, *Tr.*

- a.* England. From Mr. Bouchard's collection.

21. ARGYRESTHIA PYGMÆELLA.

pygmæella, *Hb.*—semifasciella, *Hw.*

- a, b.* England. From Mr. Wing's collection.
c—m. England.

22. ARGYRESTHIA GÆDARTELLA.

Gædartella, *L.*—semiargentella, *Dn.*—*var. literella*, *Hw.*

- a, b.* England. From Mr. Bouchard's collection.
c. England. From Mr. Wing's collection.
d—r. England.
s, t. Europe. From M. Becker's collection.
v. Germany. From M. Heminghoffen's collection.
u. Nova Scotia. From Lieut. Redman's collection.

23. ARGYRESTHIA BROCKEELLA.

Brockeella, *Hb.*—*I W-ella*, *Hw.*—aurivitella, *Hw.*

- a.* England. From Mr. Wing's collection.
b. Scotland. From Mr. Foxcroft's collection.
c—o. England.
p. Europe. From M. Becker's collection.
q, r. Germany. From M. Heminghoffen's collection.

24. ARGYRESTHIA LÆVIGATELLA.

lævigatella, *H.-S.*

25. ARGYRESTHIA AMIANTELLA.

amiantella, *Kll., Zl.*

26. ARGYRESTHIA GLABRATELLA.

glabratella, *Zl.*

27. ARGYRESTHIA ARCEUTHINA.

arceuthina, *Zl.*—arceuthinella, *Dp.*

a—c. England. From Mr. Wing's collection.

d—i. England.

28. ARGYRESTHIA ILLUMINATELLA.

illuminatella, *F.-R., Zl.*—bergiella, *Rtzb.*

29. ARGYRESTHIA CERTELLA.

certella, *Zl.*

30. ARGYRESTHIA ? OLEAGINELLA.

oleaginella, *Std.*

31. ARGYRESTHIA PRÆCOCELLA.

præcocella, *Zl.*

a, b. England. From Mr. Wing's collection.

c—g. England.

32. ARGYRESTHIA AURULENTELLA.

aurulentella, *Sta.*

a, b. England. From Mr. Wing's collection.

33. ARGYRESTHIA DECIMELLA.

decimella, *Sta.*

North America.

34. ARGYRESTHIA OREASELLA.

oreasella, *Clms.*

United States.

New Zealand.

35. ARGYRESTHIA TRANSVERSELLA.

Fœm. Aurata, micans; palpi capitis latitudine non breviores; alæ anticæ acutæ, strigis quinque transversis argenteis, 1a 3aque postice abbreviatis, 2a flexa, 4a fracta, 5a fimbriali; posticæ cupreæ.

Female. Gilded, brilliant, slender, less bright beneath. Palpi smooth, slender, curved, as long as the breadth of the head; third joint lanceolate, shorter than the second. Antennæ much shorter than the fore wings. Abdomen extending for full half its length beyond the hind wings. Fore wings narrow, acute, with five transverse silvery streaks; first, second and third streaks oblique; first and third abbreviated hindward; second bent in the middle; fourth dislocated in the middle, not oblique; fifth on the fringe. Hind wings cupreous; fringe very long. Length of the body 3 lines; of the wings 7 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

36. ARGYRESTHIA STILBELLA.

Alba, gracilis; palpi porrecti, pilosi; abdomen attenuatum, alas posticas longissime superans; alæ anticæ angustæ, vitta strigisque quatuor anticis obliquis cupreis; posticæ cinereæ.

stilbella, *Dbl.*

White, slender. Palpi porrect, not longer than the breadth of the head; second joint pilose. Antennæ slender. Abdomen cinereous, attenuated, extending very far beyond the hind wings. Legs smooth, slender. Wings very narrow, with a cupreous stripe, which extends from the base to the tip, and is nearer to the interior border than to the costa; four cupreous streaks between the stripe and the costa; first streak extending from the base, very short; second commencing between the costa and the stripe, which it joins beyond the middle; third very oblique, extending from the costa to three-

fourths of the length of the stripe; fourth subapical, parallel to the third; exterior border extremely oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a. New Zealand. Presented by Dr. Sinclair.

Genus 2. CEDESTIS.

Cedestis, *Zl.*—*Argyresthia*, *Dp.*

1. CEDESTIS GYSSELENIELLA

gysseleniella, *Dp.*

a—e. Germany. From M. Heminghoffen's collection.

2. CEDESTIS FARINATELLA.

farinatella, *Dp.*

a—e. England. From Mr. Wing's collection.

f. England. From Mr. Bouchard's collection.

g—m. England.

Genus 3. OCNEROSTOMA.

Ocnerostoma, *Zl.*

1. OCNEROSTOMA PINARIELLA.]

pinariella, *Zl.*—*argentella*, *Zl.*—*galactitella*, *Ev.*

a. England. From Mr. Wing's collection.

b—m. England.

2. OCNEROSTOMA COPIOSELLA.

copiosella, *Fy.*

Genus 4. ZELLERIA.

Zelleria, *Sta.*

1. ZELLERIA HEPARIELLA.

hepariella, *Sta.*

a. England. From Mr. Bouchard's collection.

2. ZELLERIA INSIGNIPENNELLA.

insignipennella, *Sta.*

3. ZELLERIA FASCIAPENNELLA.

fasciapennella, *Sta.*

a. Scotland. Presented by R. F. Logan, Esq.

Genus 5. PIGRITIA.

Pigritia, *Clms.*

1. PIGRITIA LATICAPITELLA.

laticapitella, *Clms.*

United States.

Fam. 7. GRACILARIDÆ.

Gracilaridæ, *Sta.*

Genus 1. GRACILARIA.

Gracilaria, *Hw.*—Ornix, *Tr.*—Calotripis, *Hb.*—Pœciloptilia, *Hb.*
—Haploptilia, *Hb.*—Coleophora, *Dp.*—Elachista, *Dp.*

1. GRACILARIA ALCHIMIELLA.

alchimiella, *Sc.*—Swederella, *Schalen.*—Franckella, *Hb.*—hilari-
pennella, *Tr.*—Thunbergii, *Hw.*—Thunbergella, *St.*

a—d. England. From Mr. Wing's collection.

e—m. England.

n, o. Europe. From M. Becker's collection.

2. GRACILARIA STIGMATELLA.

stigmatella, *F.*—upupæpennella, *Hb.*—trigona, *Hw.*—ochracea,
Hw.—triangulella, *Prz.*—semifascia, *St.*—purpurea, *St.*

a—d. England. From Mr. Wing's collection.

e—j. England.

k, l. Europe. From M. Becker's collection.

3. GRACILARIA STRAMINEELLA.

stramineella, *Sta.**a.* England.

4. GRACILARIA HEMIDACTYLELLA.

hemidactylella, *W. V.*—hemidactylus, *F.**a—c.* England.

5. GRACILARIA ONERATELLA.

oneratella, *Zl.*

6. GRACILARIA ONUSTELLA.

onustella, *Hb.*—hemidactylella, *var.*, *H.-S.*

7. GRACILARIA FALCONIPENNELLA.

falconipennella, *Hb.*—inconstans, *H.-S.*

8. GRACILARIA SEMIFASCIA.

semifascia, *Hw.*—picipennella, *Zl.**a, b.* England. From Mr. Stevens' collection.*c—f.* England. From Mr. Bouchard's collection.*g—k.* England.

9. GRACILARIA POPULETORUM.

populetorum, *Zl.*—tetraonipennella, *Dp.**a.* England.

10. GRACILARIA ELONGELLA.

elongella, *L.*—punctella, *L.*—elongatus, *F.*—ochrodactyla, *W. V.*—
hemidactyla, *Hw.*—signipennella, *Hb.*—roscipennella, *Tr.*—
inconstans, *Sta.**a—m.* England.*n—q.* Europe. From M. Becker's collection.

11. GRACILARIA RUFIPENNELLA.

rufipennella, *Hb.**a, b.* Europe. From M. Becker's collection.

12. GRACILARIA TRINGIPENNELLA.

tringipennella, *F.-R.*, *Zl.*—fringilella, *Dp.*

a—c. England. From Mr. Wing's collection.

d—g. England. From Mr. Bouchard's collection.

h, i. England.

13. GRACILARIA LIMOSELLA.

limosella, *F.-R.*, *Zl.*

14. GRACILARIA ROSCIPENNELLA.

roscipennella, *Hb.*—puncticostella, *H.-S.*

15. GRACILARIA TAXELLA.

taxella, *H.-S.*

16. GRACILARIA RHODINELLA.

rhodinella, *H.-S.*

17. GRACILARIA SYRINGELLA.

syringella, *F.*—ardeæpennella, *Tr.*—anastomosis, *Hw.*

a—h. England. From Mr. Wing's collection.

i—n. England.

o, p. Europe. From M. Becker's collection.

18. GRACILARIA SIMPLONIELLA.

simploniella, *Bd.*, *F.-R.*, *Dp.*

North America.

19. GRACILARIA SUPERBIFRONTELLA.

superbifrontella, *Clms.*

United States.

20. GRACILARIA FULGIDELLA.

fulgidella, *Clms.*

United States.

21. GRACILARIA VENUSTELLA.

venustella, *Clms.*

United States.

22. GRACILARIA STRIGIFINITELLA.

strigifinitella, *Clms.*

United States.

23. GRACILARIA VIOLACELLA.

violacella, *Clms.*

United States.

Madeira.

24. GRACILARIA STANTONI.

Staintoni, *Wltn.*

Madeira.

25. GRACILARIA? AURANTIACA.

aurantiaca, *Wltn.*

Madeira.

Hindostan.

26. GRACILARIA RESPLENDENS.

resplendens, *Sta.*

Calcutta.

27. GRACILARIA QUADRIFASCIATA.

quadrifasciata, *Sta.*

Calcutta.

28. GRACILARIA GEMONIELLA.

Gemoniella, *Sta.*

Calcutta.

29. GRACILARIA TERMINALIÆ.

Terminaliæ, *Atkn.*

Calcutta.

30. GRACILARIA NITIDULA.

nitidula, *Sta.*

Calcutta.

31. GRACILARIA ? AURICILLA.

auricilla, *Sta.*

Calcutta.

32. GRACILARIA ? FALCATELLA.

falcatella, *Sta.*

Calcutta.

33. GRACILARIA ? USTULATELLA.

ustulatella, *Sta.*

Calcutta.

Australia.

34. GRACILARIA FORMOSA.

formosa, *Sta.*

Moreton Bay.

35. GRACILARIA PLAGIATA.

plagiata, *Sta.*

Moreton Bay.

36. GRACILARIA ALBOMARGINATA.

albomarginata, *Sta.*

Moreton Bay.

37. GRACILARIA CALICELLA.

calicella, *Sta.*

Moreton Bay.

38. GRACILARIA TERMINELLA.

Rufescente-cervina; alæ anticæ lineis duabus obliquis nigris albo marginatis, striga apicali nigra; posticæ cinereæ.

Reddish fawn-colour. Palpi about twice longer than the breadth of the head. Antennæ much shorter than the fore wings. Fore wings with a black oblique transverse line near the base, bordered

with white on the outer side; a second black line about the middle, more oblique than the first line and in the opposite direction, bordered with white on the inner side; a black apical longitudinal streak. Hind wings cinereous. Length of the body 3 lines; of the wings 8 lines.

b. Sydney. From Mr. Lamberts' collection.

39. GRACILARIA? CONFECTELLA.

Cuprea; abdomen cinereum, fasciculis duobus apicalibus radiatis; alæ anticæ angustæ, squamis micantibus cyaneis viridibus et purpureis; posticæ cinereæ.

Cupreous. Abdomen cinereous, long, with two apical diverging fan-shaped tufts. Wings with an extremely long fringe. Fore wings narrow, with numerous blue, green and purple glittering scales. Hind wings cinereous, extremely narrow. Length of the body 3 lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

40. GRACILARIA DELICATULELLA.

Nivea; alæ anticæ angustæ, fimbria longissima, strigis tribus costalibus obliquis cinereis, la 2a que connexis, gutta postica fusca, linea marginali cinerea.

Pure white. Palpi smooth, short, slender. Antennæ little more than half the length of the fore wings. Wings with a very long fringe. Fore wings narrow, with three oblique cinereous costal streaks; first and second streaks approximate, connected towards the disk; third extending nearly to a brown dot, which is approximate to the interior angle; marginal line cinereous. Hind wings extremely narrow. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. Moreton Bay. From Mr. Diggles' collection.

New Zealand.

41. GRACILARIA FRONTELLA.

Nivea; frons latissima; palpi capitis latitudine paullo longiores; tarsi æneo fasciati; alæ anticæ vitta postica bis incisa strigulam exteriorem emittente apicibusque æneis; posticæ sub-æneæ.

Pure white. Front very broad. Palpi smooth, slender, a little longer than the breadth of the head; third joint setiform, as long as the second. Antennæ a little shorter than the fore wings. Tarsi with æneous bands. Fore wings narrow; an æneous stripe along the interior border, with two notches on its fore side, and emitting a short exterior streak to the disk; tips æneous; under side and hind wings dull æneous. Length of the body 4 lines; of the wings 10 lines.

a. New Zealand. Presented by Col. Bolton.

42. GRACILARIA ARENOSELLA.

Fœm. *Pallide cinereo-cervina; antennæ longæ; alæ anticæ angustæ, acutæ, fusco conspersæ, gutta ante media discali fusca; posticæ cinereæ.*

Female. Pale cinereous fawn-colour, very slender. Antennæ long, shorter than the fore wings. Abdomen extending for its whole length beyond the hind wings. Legs long, slender. Wings with a very long fringe. Fore wings narrow, acute, thinly and very minutely brown-speckled; a small brown dot in the disk at one-third of the length. Hind wings cinereous, extremely narrow. Length of the body 3 lines; of the wings 8 lines.

a—c. New Zealand. Presented by Col. Bolton.

Genus 2. EUSPILOPTERYX.

Euspiapteryx, *St.*—*Cosmopteryx*, *Hb.*—*Ornix*, *Tr.*—*Gracilaria*, *Zl.*

1. EUSPILOPTERYX PHASIANIPENNELLA.

phasianipennella, *Hb.*

a, b. England. From Mr. Wing's collection.

c. England.

2. EUSPILOPTERYX QUADRUPELLA.

quadrupella, *Zl.*

3. EUSPILOPTERYX QUADRISIGNELLA.

quadrisingella, *Zl.*

4. *EUSPILOPTERYX AUROGUTTELLA*.auroguttella, *St.*—lacertella, *Zl.**a—i.* England. From Mr. Wing's collection.5. *EUSPILOPTERYX OMISSELLA*.omissella, *Sta.**a—f.* England. From Mr. Wing's collection.*g, h.* England.6. *EUSPILOPTERYX ONONIDIS*.ononidis, *Zl.*—ononiella, *Dp*—moniliella, *Tgstr.*—argentipunctella, *Sta.*7. *EUSPILOPTERYX IMPERIELLA*.imperiella, *Mn.*8. *EUSPILOPTERYX SCALARIELLA*.scalariella, *Zl.*9. *EUSPILOPTERYX CUPEDIELLA*.cupediella, *H.-S.*10. *EUSPILOPTERYX PAVONIELLA*.pavoniella (*Metzn.*), *Zl.*11. *EUSPILOPTERYX KOLLARIELLA*.Kollariella, *F.-R.*, *Zl.**a.* England. From Mr. Bouchard's collection.12. *EUSPILOPTERYX GRADATELLA*.gradatella, *H.-S.*Genus 3. *CORISCIMUM*.Coriscium, *Zl.*—Elachista, *Dp.*—Gracilaria, *Zl.*, *olim.*

1. CORISCIMUM BRONGNIARDELLUM.

Brongniardellum, *F.*—substriga, *Hw.*—Curtisella, *Dp.*—querce-
tillum, *Zl.*

a—*c.* England.

2. CORISCIMUM CUCULIPENNELLUM.

cuculipennellum, *Hb.*—cinerea, *Hw.*—alaudella, *Dp.*—ligustri-
nellum, *Zl.*

a—*d.* England. From Mr. Bouchard's collection.

e. England. From Mr. Wing's collection.

f, g. England.

h—*k.* Germany. From M. Heminghoffen's collection.

l. (Pupa). Germany. From M. Heminghoffen's collection.

3. CORISCIMUM SULPHURELLUM.

sulphurellum, *Hw.*—leucapennella, *Hw.*—citrinellum, *Zl.*

a—*d.* England. Presented by E. Shepherd, Esq.

e. England. From Mr. Bouchard's collection.

f. England. From Mr. Rogers' collection.

g—*n.* England.

Hindostan.

4. CORISCIMUM ORIENTALE.

orientale, *Sta.*

Calcutta.

Genus 4. ORNIX.

Ornix, *Tr.*—Tichotripis, *Hb.*—Æcophora, *Dp.*

1. ORNIX AMPLIATELLA.

ampliatella, *Wck.*

2. ORNIX TORQUILLELLA.

torquillella, *Zl.*

a, b. England. From Mr. Wing's collection.

3. ORNIX SCOTICELLA.

scoticella, *Sta.*

a. England.

4. ORNIX ANGULIFERELLA.

anguliferella, *Zl.*

5. ORNIX FINITIMELLA.

finitimella, *Zl.*

6. ORNIX AVELLANELLA.

avellanella, *Sta.*—meleagripennella, *Sta.*

a—e. England. From Mr. Wing's collection.

f—i. England.

7. ORNIX ANGLICELLA.

anglicella, *Sta.*

a—e. England. From Mr. Wing's collection.

f. England. From Mr. Bouchard's collection.

g—p. England.

8. ORNIX SCUTULATELLA.

scutulatella, *Sta.*

9. ORNIX BETULÆ.

betulæ, *Sta.*

a. England. From Mr. Wing's collection.

10. ORNIX CANELLA.

canella, *Tgstr.*

11. ORNIX DEVONIELLA.

Devoniella, *Sta.*

12. ORNIX POLYGRAMMELLA.

polygrammella, *Wck.*

13. ORNIX LOGANELLA.

Loganella, *Sta.*

a. England. From Mr. Bouchard's collection.

14. ORNIX GUTTEA.

guttea, *Hw.*—guttiferella, *Dp.*

a, b. England. From Mr. Wing's collection.

c—i. England.

15. ORNIX PFAFFENZELLERI.

Pfaffenzelleri, *Fy.*

16. ORNIX CÆLATELLA.

cælatella, *Zl.*

17. ORNIX INTERRUPTELLA.

interruptella, *Ztt.*

18. ORNIX CAUDULATELLA.

caudulatella, *Zl.*

North America.

19. ORNIX TREPIDELLA.

trepidella, *Clms.*

United States.

20. ORNIX FESTINELLA.

festinella, *Clms.*

United States.

21. ORNIX CRATÆGIFOLIELLA.

cratægifoliella, *Clms.*

United States.

Hindostan.

22. ORNIX ? ALBIFRONS.

albifrons, *Sta.*

Calcutta.

Fam. 8. COLEOPHORIDÆ.

Coleophoridæ, *Sta.*

Genus 1. COLEOPHORA.

Coleophora, *Zl.*—Porrectaria, *Hw.*—Haloptilia, *Hb.*—Eupista, *Hb.*
Metallosetia, *St.*—Dainophila, *Ct.*—Ornix, *Dp.*—Plutella,
Costa.

1. COLEOPHORA JUNCICOLELLA.

juncicolella, *Sta.*—infantilella, *H.-S.*

2. COLEOPHORA LARICELLA.

laricella, *Hb.*—laricinella, *Blum.*—argyropennella, *Tr.*

a. England. From Mr. Wing's collection.

b—f. England.

3. COLEOPHORA BADIIPENNELLA.

badiipennella, *F.-R., Dp.*

a—e. England. From Mr. Wing's collection.

f—o. England.

4. COLEOPHORA MILVIPENNIS.

milvipennis, *Zl.*

5. COLEOPHORA MINUSCULA.

minuscula, *H.-S.*

6. COLEOPHORA UNIPUNCTELLA.

unipunctella, *F.-R., Zl.*

7. COLEOPHORA LIMOSIPENNELLA.

limosipennella, *Dp.*

8. COLEOPHORA OCHRIPENNELLA.

ochripennella, *Zl.*—limosipennella, *Schlg.*

9. COLEOPHORA CORNUTA.

cornuta, *Fy.*

10. COLEOPHORA LITHARGYRINELLA.

lithargyrinella, Zl.—*solitariella*, H.-S.

11. COLEOPHORA OLIVACEELLA.

olivaceella, Sta.

12. COLEOPHORA SOLITARIELLA.

solitariella, Zl.

a. England. From Mr. Foxcroft's collection.

13. COLEOPHORA FLAVIPENNELLA.

flavipennella, H.-S.

14. COLEOPHORA LUTIPENNELLA.

lutipennella, Zl.—*lutarea*, Sta.

a—f. England. From Mr. Wing's collection.

g. England. From Mr. Bouchard's collection.

h—n. England.

15. COLEOPHORA ALBISQUAMELLA.

albisquamella, H.-S.

16. COLEOPHORA FUSCEDINELLA.

fuscedinella, Zl.—*coracipennella*, Lienig.

a—d. England. From Mr. Wing's collection.

e—n. England.

17. COLEOPHORA BINDERELLA.

Binderella, Kollar—*lusciniæpennella*, Zl. *olim.*

18. COLEOPHORA VIMINETELLA.

viminetella, Zl.—*orbitella*, H.-S.

a—m. England. From Mr. Wing's collection.

n. England.

19. COLEOPHORA SICCIFOLIA.

siccifolia, *Sta.*

20. COLEOPHORA DEVIELLA.

deviella, *Zl.*

21. COLEOPHORA GRYPHIPENNELLA.

gryphipennella, *Bouché*—lusciniæpennella, *Zl.*—flavipennella, *Dp.*
—serratella, *St.*

a. England.

b. Europe. From M. Becker's collection.

22. COLEOPHORA NIGRICELLA.

nigricella, *St.*—coracipennella, *Zl.*

a—g. England. From Mr. Wing's collection.

h—r. England. From Mr. Bouchard's collection.

s—w. England.

x, y. Europe. From M. Becker's collection.

23. COLEOPHORA ORBITELLA.

orbitella, *Zl.*

24. COLEOPHORA VITISELLA.

vitisella, *Gregson.*

25. COLEOPHORA LEDI.

Ledi, *Sta.*

26. COLEOPHORA PARIPENNELLA.

paripennella, *F.-R., Zl.*

a—n. England.

27. COLEOPHORA FUSCOCUPRELLA.

fuscocuprella, *H.-S.*—fuscociliella, *Sta.*—æratella, *Sta.*

28. COLEOPHORA ALBITARSELLA.

albitarsella, *Zl.*

a—d. England. From Mr. Bouchard's collection.

e, f. England.

29. COLEOPHORA ALCYONIPENNELLA.

alcyonipennella, *Kollar*—trifolii, *St.*

a, b. England. From Mr. Wing's collection.

c. England. From Mr. Bouchard's collection.

d. England.

30. COLEOPHORA CUPRARIELLA.

cuprariella, *Zl.*

31. COLEOPHORA FRISCHELLA.

Frischella, *L.*—trifolii, *Ct.*

a—g. England. From Mr. Wing's collection.

h, i. England.

32. COLEOPHORA FUSCICORNIS.

fuscicornis, *Zl.*

33. COLEOPHORA DEAURATELLA.

deauratella, *Lienig.*

a, b. England. From Mr. Wing's collection.

c, d. England. From Mr. Bouchard's collection.

e—g. England.

34. COLEOPHORA FABRICIELLA.

Fabriciella, *Villers*—spissicornis, *Hw.*—Mayrella, *Zl.*—lusciniæ-pennella, *Ev.*—trochilipennella, *Costa.*

a—c. England. From Mr. Wing's collection.

35. COLEOPHORA HIERONELLA.

hieronella, *Zl.*—Mayrella, *Zl.*

36. COLEOPHORA CHALCOGRAMMELLA.

chalcogrammella, *Zl.*

a—g. England. From Mr. Bouchard's collection.

37. COLEOPHORA HEMEROBIELLA.

hemerobiella, *Scp.*—anseripennella, *Hb.*

a—c. England.

38. COLEOPHORA MURINELLA.

murinella, *Tgstr.*

39. COLEOPHORA ANATIPENNELLA.

anatipennella, *Hb.*—tiliella, *Schr.*—albidella, *H.-S.*

a—d. England. From Mr. Wing's collection.

e. England. From Mr. Bouchard's collection.

f—m. England.

n, o. Europe. From M. Becker's collection.

40. COLEOPHORA IBIPENNELLA.

ibipennella, *Heyden, Zl.*

a—f. England. Presented by F. Bond, Esq.

g. (Pupa cases). England. Presented by F. Bond, Esq.

41. COLEOPHORA PALLIATELLA.

palliatella, *Zincken*—palliipennella, *Tr.*

a, b. England. From Mr. Bouchard's collection.

c—g. England.

h. (Pupa case). England. From Mr. Bouchard's collection.

42. COLEOPHORA COARCTELLA.

coarctella, *Std.*

43. COLEOPHORA CURRUCIPENNELLA.

currucipennella, *F.-R., Zl.*—ornatipennella, *Dgl.*

a. England. From Mr. Bouchard's collection.

b. (Pupa cases). England. From Mr. Bouchard's collection.

44. COLEOPHORA ZELLERIELLA.

Zelleriella, *Hnm.*

45. COLEOPHORA NEMORUM.

nemorum, *Hnm.*

46. COLEOPHORA INCANELLA.

incanella, *Tgstr.*

47. COLEOPHORA SERRATULELLA.

serratulella, *H.-S.*

48. COLEOPHORA SOLIDAGINELLA.

Solidaginella, *Std.*

49. COLEOPHORA STRUELLA.

struella, *Std.*

50. COLEOPHORA AURICELLA.

auricella, *Bosc, F.*

51. COLEOPHORA VIRGATELLA.

virgatella, *Zl.*—auricella, *Zl. olim.*

52. COLEOPHORA SERENELLA.

serenella, *Dp.*

a, b. Europe. From M. Becker's collection.

53. COLEOPHORA CORONILLÆ.

coronillæ, *Zl.*—gallipennella, *Tr.*—coronillella, *H.-S.*

54. COLEOPHORA GALLIPENNELLA.

gallipennella, *Hb.*

a, b. Europe. From M. Becker's collection.

55. COLEOPHORA VULNERARIÆ.

vulnerariæ, *Zl.*—icterella, *Dp.*

56. COLEOPHORA ALBICOSTA.

albicosta, *Hw.*

a—i. England. Presented by F. Bond, Esq.

j, k. England. From Mr. Wing's collection.

l. England.

57. COLEOPHORA SEMICINEREA.

semicinerea, *Std.*

58. COLEOPHORA BILINEELLA.

bilineella, *H.-S.*

59. COLEOPHORA PYRRHULIPENNELLA.

pyrrhulipennella, *Tischer, Zl.*

a. England.

60. COLEOPHORA DITELLA.

ditella, *Zl.*

61. COLEOPHORA PARTITELLA.

partitella, *Zl.*

62. COLEOPHORA VIBICIGERELLA.

vibicigerella, *Zl.*

63. COLEOPHORA ASTRAGALELLA.

astragalella, *F.-R., Zl.*

64. COLEOPHORA COLUTELLA.

colutella, *F.*

65. COLEOPHORA FUSCOCILIELLA.

fuscociliella, *F.-R., Zl.*

66. COLEOPHORA CONGERIELLA.

congeriella, *Std.*

67. COLEOPHORA VICINELLA.

vicinella, *F.-R., Zl.*

68. COLEOPHORA DEFESSELLA.

defessella, *H.-S.*

69. COLEOPHORA MEDICAGINIS.

medicaginis, *Sta.*

70. COLEOPHORA SOLENELLA.

solenella, *Std.*

71. COLEOPHORA CONSPICUELLA.

conspicueLLa, *Mann., Zl.*

a—e. England. From Mr. Bouchard's collection.

f. (Pupa cases). England. From Mr. Bouchard's collection.

72. COLEOPHORA SPUMOSELLA.

spumosella, *Std.*

73. COLEOPHORA CŒLEBIPPENNELLA.

cœlebipennella, *Tischer, Zl.*—gallipennella, *Tr.*

74. COLEOPHORA CROCINELLA.

crocinella, *Tgstr.*

75. COLEOPHORA LUGDUNIELLA.

lugduniella, *Sta.*

76. COLEOPHORA VIBICELLA.

vibicella, *Hb.*—vibicinella, *Dp.*—craceella, *A. S. E. F. iv. lxviii.*

a, b. England. From Mr. Bouchard's collection.

c—g. England.

77. COLEOPHORA STRAMENTELLA.

stramentella, *Zl.*—canariella, *H.-S.*

78. COLEOPHORA VALESIANELLA.

valesianella, *Heyden, Zl.*

79. COLEOPHORA ARGYRELLA.

argyrella, *H.-S.*

80. COLEOPHORA LIXELLA.

lixella, *Zl.*—ornatipennella, *Zl. olim.*—ornatea, *Hw.*

a. England. From Mr. Wing's collection.

b—f. England. From Mr. Bouchard's collection.

g—k. England. Presented by R. M'Lachlan, Esq.

81. COLEOPHORA ORNATIPENNELLA.

ornatipennella, *Hb.*—vinetella? *Schr.*—ornatea? *Hw.*

a. Europe. From M. Becker's collection.

82. COLEOPHORA OCHREA.

ochrea, *Hw.*—argentipennella, *Dp.*—hapsella, *Zl.*

a—c. England. From Mr. Wing's collection.

d. England. From Mr. Bouchard's collection.

e—g. England.

83. COLEOPHORA VULPECULA.

vulpecula, *Heyden, Zl.*

84. COLEOPHORA BINOTAPENNELLA.

binotapennella, *F.-R., Dp.*—binotatella, *Zl.*

a—h. England. From Mr. Bouchard's collection.

i. England. From Mr. Wing's collection.

j, k. Europe. From M. Becker's collection.

85. COLEOPHORA SQUALORELLA.

squalorella, *Heyden, Zl.*

86. COLEOPHORA BALLOTELLA.

ballotella, *F.-R.*

a, b. Europe. From M. Becker's collection.

c, d. Germany. From M. Heminghoffen's collection.

87. COLEOPHORA WOCKEELLA.

Wockeella, *Zl.*—conspicuellla, *Bruand.*

a—l. England. From Mr. Rogers' collection.

88. COLEOPHORA ONOPORDIELLA.

onopordiella, *Mann, Zl.*

89. COLEOPHORA LEUCAPENNELLA.

leucapennella, *Hb.*

90. COLEOPHORA ALBIFUSCELLA.

albifuscella, *Zl.*—leucapennella, *Zl. olim.*

91. COLEOPHORA MARGINATELLA.

marginatella, *H.-S.*

92. COLEOPHORA CREPIDINELLA.

crepidinella, *Zl.*

93. COLEOPHORA SATURATELLA.

saturatella, *Sta.*

a—h. England. From Mr. Bouchard's collection.

i. England.

j. (Pupa case). England. From Mr. Bouchard's collection.

94. COLEOPHORA DISCORDELLA.

discordella, *Zl.*

a—f. England. From Mr. Stevens' collection.

g, h. England. From Mr. Wing's collection.

i, k. England.

l. (Pupa cases). England.

95. COLEOPHORA GENISTÆ.

genistæ, *Sta.*

96. COLEOPHORA BILINEATELLA.

bilineatella, *Zl.*

97. COLEOPHORA ONOBRYCHIELLA.

onobrychiella, *F.-R., Zl.*

98. COLEOPHORA LUTATIELLA.

lutatiella, *Std.*

99. COLEOPHORA NIVEICOSTELLA.

niveicostella, *F.-R., Zl.*

a. England. From Mr. Wing's collection.

100. COLEOPHORA ALBICOSTELLA.

albicostella, *F.-R., Dp.*—albimarginella, *H.-S.*

101. COLEOPHORA TRIFARIELLA.

trifariella, *Zl.*

102. COLEOPHORA FLAVIELLA.

flaviella, *Mn.*

103. COLEOPHORA ORIOLELLA.

oriolella, *F.-R., Zl.*

104. COLEOPHORA LATICOSTELLA.

laticostella, *Mn.*

105. COLEOPHORA FRINGILLELLA.

fringillella, *F.-R.*, *Zl.*

106. COLEOPHORA NUBIVAGELLA.

nubivagella, *Zl.*

107. COLEOPHORA RECTILINEELLA.

rectilineella, *F.-R.*, *Zl.*

108. COLEOPHORA TRACTELLA.

tractella, *Heyden*, *Zl.*

109. COLEOPHORA SAPONARIELLA.

saponariella, *Heeger*, *Zl.*

110. COLEOPHORA FRETELLA.

fretella, *Zl.*—*pabulella*, *Zl. olim.*

111. COLEOPHORA STRIOLATELLA.

striolatella, *Zl.*

112. COLEOPHORA BISERIATELLA.

biseriatella, *Std.*

113. COLEOPHORA VESTALELLA.

vestalella, *Std.*

114. COLEOPHORA ONOSMELLA.

onosmella, *Brahm*—*pennella*, *W. V.*—*struthionipennella*, *Hb.*

- a—d.* England. From Mr. Bouchard's collection.
e. England. From Mr. Wing's collection.
f—i. England.
j. (Pupa cases). England.

115. COLEOPHORA INFLATÆ.

inflatæ, *Sta.*

116. COLEOPHORA CHAMÆDRYELLA.

chamædryella, *Sta.*

117. COLEOPHORA STRIATIPENNELLA.

striatipennella, *Nylander*, *Tengstrom.*

118. COLEOPHORA THERINELLA.

therinella, *Tengstrom*—*trochilella*, *Dp.*

- a.* England. From Mr. Wing's collection.
b, c. England. Presented by F. Bond, Esq.
d. (Pupa case). England. Presented by F. Bond, Esq.

119. COLEOPHORA TROGLODYTELLA.

troglodytella, *F.-R.*, *Dp.*—*Inulæ*, *Dgl.*

- a—c.* England. From Mr. King's collection.
d. England. From Mr. Bouchard's collection.

120. COLEOPHORA LINEOLEA.

lineolea, *Hw.*—*crocogrammos*, *Zl.*—*balloticolella*, *Bruand.*

- a—d.* England. From Mr. Bouchard's collection.
e—g. England. From Mr. Wing's collection.
h—k. England.

121. COLEOPHORA NUTANTELLA.

nutantella, *Muchlig et Fy.*

122. COLEOPHORA APICELLA.

apicella, *Sta.*

123. COLEOPHORA DERIVATELLA.

derivatella, *Zl.*

124. COLEOPHORA LINEARIELLA.

lineariella, *F.-R., Zl.*—longestriatella, *F.-R. olim., Dp.*

125. COLEOPHORA DRYMIDIS.

drymidis, *Mn.*

126. COLEOPHORA PRÆCURSELLA.

præcursella, *Zl.*

127. COLEOPHORA OBTECTELLA.

obtectella, *Zl.*

128. COLEOPHORA DIANTHI.

Dianthi, *H.-S.*

129. COLEOPHORA SUCCURSELLA.

succursella, *H.-S.*

130. COLEOPHORA SILENELLA.

silenella, *H.-S.*

131. COLEOPHORA ODORARIELLA.

odorariella, *Muchlig et Fy.*

132. COLEOPHORA CICONIELLA.

ciconiella, *H.-S.*

133. COLEOPHORA MILLEFOLII.

Millefolii, *Zl.*

134. COLEOPHORA DIRECTELLA.

directella, *Zl.*

135. COLEOPHORA GNAPHALII.
Gnaphalii, Zl.
136. COLEOPHORA AREFACTELLA.
arefactella, Std.
137. COLEOPHORA PUNCTIPENNELLA.
punctipennella, Nylander, Tystr.
138. COLEOPHORA MOTACILLELLA.
motacillella, F.-R., Zl.
139. COLEOPHORA OBSCENELLA.
obscenella, H.-S.
140. COLEOPHORA ARGENTULA.
argentula, Zl.—cothurnella, F.-R., Dp.
a, b. England. From Mr. Cooke's collection.
141. COLEOPHORA GRANULATELLA.
granulatella, Zl.
142. COLEOPHORA ALBICANS.
albicans, Zl.
143. COLEOPHORA VIRGAUREÆ.
Virgaureæ, Sta.—albicans, Frey.
a—c. England. From Mr. Turner's collection.
144. COLEOPHORA FULVOSQUAMELLA.
fulvosquamella, H.-S.
145. COLEOPHORA SQUAMOSELLA.
squamosella, Sta.
146. COLEOPHORA PUNCTULATELLA.
punctulatella, Heyden, Zl.

147. COLEOPHORA OTITÆ.

Otitæ, *Zl.*—galbulipennella, *Zl. olim.*

148. COLEOPHORA ANNULATELLA.

annulatella, *Nylander, Tengstrom*—laripennella, *Ztt.*
a—g. England. From Mr. Wing's collection.

149. COLEOPHORA VERSURELLA.

versurella, *Zl.*

150. COLEOPHORA FLAVAGINELLA.

flavaginella, *Lienig.*

151. COLEOPHORA SALINELLA.

salinella, *Sta.*

a—d. England. From Mr. Rogers' collection.

152. COLEOPHORA ARTEMISICOLELLA.

artemisicolella, *Bruand*—albicans, *H.-S.*

153. COLEOPHORA TÆNIIPENNELLA.

tæniipennella, *H.-S.*

154. COLEOPHORA OTIDIPENNELLA.

otidipennella, *H.-S.*

a. Europe. From M. Becker's collection.

155. COLEOPHORA MURINIPENNELLA.

murinipennella, *F.-R., Dp.*—otidipennella, *Zl. olim.*

a—c. England. From Mr. Bouchard's collection.

d—m. England.

156. COLEOPHORA ALGIDELLA.

algidella, *Std.*

157. COLEOPHORA CÆSPITITIELLA.

cæspititiella, *Zl.**a—c.* England. From Mr. Wing's collection.*d—g.* England.

158. COLEOPHORA ALTICOLELLA.

alticolella, *Zl.*

159. COLEOPHORA LACUNICOLELLA.

lacunicolella, *Mann, Dp.*—*sternipennella*, *Ztt.*

160. COLEOPHORA LASSELLA.

lassella, *Std.*

161. COLEOPHORA CRUCINELLA.

crucinella, *Tgstr.*

162. COLEOPHORA CHALYBÆELLA.

chalybæella, *Cta.*

163. COLEOPHORA PHLOMIDELLA.

phlomidella, *Chrtph.*

164. COLEOPHORA GYPSOPHILÆ.

gypsophilæ, *Chrtph.*

North America.

165. COLEOPHORA CORUSCIPENNELLA.

coruscipennella, *Clms.*

United States.

166. COLEOPHORA LATICORNELLA.

laticornella, *Clms.*

United States.

167. COLEOPHORA CÆNOSIPENNELLA.

cænosipennella, *Clms.*

United States.

168. COLEOPHORA INFUSCATELLA.

infuscatella, *Clms.*

United States.

169. COLEOPHORA CRETATICOSTELLA.

cretaticostella, *Clms.*

United States.

Madeira.

170. COLEOPHORA DESERTORUM.

desertorum, *Wltn.*

Northern Deserta.

Genus 2. GONIODOMA.

Goniodoma, *Zl.*—*Ornix*, *F.-R.*—*Coleophora*, *Dp.*

1. GONIODOMA AUROGUTTELLA.

auroguttella, *F.-R.**a, b.* England. From Mr. Bouchard's collection.*c—f.* England. From Mr. Rogers' collection.*g—j.* England. Presented by F. Bond, Esq.

Fam. 9. ELACHISTIDÆ.

Elachistidæ, *Sta.*

Genus 1. BEDELLIA.

Bedellia, *Sta.*

1. BEDELLIA SOMNULENTELLA.

somnulentella, *Zl.*—*orpheela*, *Sta.**a—h.* England. From Mr. Wing's collection.

North America.

2. BEDELLIA? STANTONIELLA.

Stantoniella, *Clms.*

United States.

Genus 2. STATHMOPODA.

Stathmopoda, *Sta.*

1. STATHMOPODA PEDELLA.

pedella, *L.*—cylindrella, *F.*—cylindricus, *F.*—angustipennella, *Hb.*
—alucitella, *W. V.*

2. STATHMOPODA GUERINII.

Guerinii, *Sta.*

Genus 3. COSMOPTERYX.

Cosmopteryx, *Hb.*

1. COSMOPTERYX DRURELLA.

Drurella, *F.*—eximia, *Hw.**a—f.* England. From Mr. Wing's collection.*g—i.* England. From Mr. Bouchard's collection.*j—r.* England.

2. COSMOPTERYX ZEIGLERELLA.

Zeiglerella, *Hb.*—Druryella, *Zl.*

3. COSMOPTERYX SCHMIDIELLA.

Schmidiella, *Frey.*

4. COSMOPTERYX SCRIBAIELLA.

Scribaiella, *Zl.*

5. COSMOPTERYX LIENIGELLA.

Lienigella, *Zl.**a—e.* England. Presented by F. Bond, Esq.

North America.

5. COSMOPTERYX? GEMMIFERELLA.

gemmiferella, *Clms.*

United States.

Genus 4. PYRODERCES.

Pyroderces, *Zl.*

1. PYRODERCES ARGYROGRAMMOS.

argyrogrammos, *Zl.*

Genus 5. BATRACHEDRA.

Batrachedra, *Sta.*

1. BATRACHEDRA PRÆANGUSTA.

præangusta, *Hw.*—turdipennella, *Tr.**a.* England. From Mr. Bouchard's collection.*b—n.* England.

2. BATRACHEDRA PINICOLELLA.

pinicolella, *Dp.*—pinariella, *H.-S.**a, b.* England.

3. BATRACHEDRA LEDERERIELLA.

Ledereriella, *Zl.*

Genus 6. CENOPHILA.

Cenophila, *Sta.*

1. CENOPHILA W-FLAVUM.

W-flavum, *Hw.**a—c.* England. From Mr. Wing's collection.*d—l.* England.

Genus 7. CHAULIODUS.

Chauliodus, *Tr.*—Lophonotus, *St.*

1. CHAULIODUS ILLIGERELLUS.

Illigerellus, *Hb.*—falciformis, *Hw.*

a. England. From Mr. Bouchard's collection.

2. CHAULIODUS SCURELLUS.

scurellus, *H.-S.*

3. CHAULIODUS PONTIFICELLUS.

pontificellus, *Hb.*

a, b. Europe. From M. Becker's collection.

4. CHAULIODUS INSECURELLUS.

insecurellus, *Sta.*—Illigerellus, *Sta.*—dentosellus, *H.-S.*

a. England.

5. CHAULIODUS CHÆROPHYELLELLUS.

chærophyllellus, *Goeze*—testaceella, *Hb.*—testacella, *Dp.*—fascicullus, *St.*

a—k. England. From Mr. Wing's collection.

l, m. England.

6. CHAULIODUS RASCHKIELLUS.

Raschkiellus, *Fisch.*

a. England. From Mr. Bouchard's collection.

Genus 8. LAVERNA.

Laverna, *Ct.*

1. LAVERNA IDÆI.

Idæi, *Zl.*

2. LAVERNA FESTIVELLA.

festivella, *W. V.*

3. LAVERNA LASPEYRELLA.

Laspeyrella, *Hb.*—Laspeyresiella, *H.-S.*

4. LAVERNA CONTURBATELLA.

conturbatella, *Hb.*—elegantella, *Ztt.*

a—h. England. From Mr. Bouchard's collection.

5. LAVERNA PROPINQUELLA.

propinquella, *Sta.*

a. England. From Mr. Bouchard's collection.

b—d. England.

6. LAVERNA LACTEELLA.

lacteella, *St.*—gibbiferella, *Zl.*

a—c. England.

7. LAVERNA RASCHKIELLA.

Raschkiella, *Zl.*—pilipennella? *Ztt.*

8. LAVERNA MISCELLA.

miscella, *W. V.*—Staintoni, *Sircom.*

9. LAVERNA TESSELLATELLA.

tessellatella, *H.-S.*

10. LAVERNA STEPHENSI.

Stephensi, *Sta.*

11. LAVERNA EPILOBIELLA.

epilobiella, *W. V.*—fulvescens, *Hw.*—nebulella, *St.*

a—g. England. From Mr. Wing's collection.

k—n. England.

o, p. Europe. From M. Becker's collection.

12. LAVERNA OCHRACEELLA.

ochraceella, *Ct.*

a—i. England. From Mr. Wing's collection.

j, k. England. From Mr. Bouchard's collection.

13. LAVERNA PHRAGMITELLA.

phragmitella, *Sta.*

a—g. England. From Mr. Bouchard's collection.

h—j. England. From Mr. King's collection.

14. LAVERNA DECORELLA.

decorella, *St.*—divisella, *H.-S.*

a, b. England. From Mr. Wing's collection.

c—f. England.

15. LAVERNA SUBSTRIGELLA.

substrigella, *Hw.*—sturnipennella, *Tr.*—permutatella, *H.-S.*

a—d. England. From Mr. Wing's collection.

16. LAVERNA VANELLA.

vanella, *Frey.*

17. LAVERNA VINOLENTELLA.

vinolentella, *H.-S.*

18. LAVERNA ATRA.

atra, *Hw.*—Hellerella, *Dp.*—putripennella, *Zl.*

a—f. England. From Mr. Wing's collection.

g—i. England. From Mr. Chant's collection.

j—n. England.

19. LAVERNA RHAMNIELLA.

rhamniella, *Zl.*—lophyrella, *Dgl.*

a, b. England.

20. LAVERNA STANTONI.

Staintoni, *Zl.*

a—f. England. From Mr. Wing's collection.

g—i. England. From Mr. Bouchard's collection.

j—n. England.

21. LAVERNA LUCIFERELLA.

luciferella, *Clms.*

United States.

22. LAVERNA ELOISELLA

Eloisella, *Clms.*

United States.

Madeira.

23. LAVERNA VITTATA.

vittata, *Wltn.*

Madeira.

24. LAVERNA ? DECOLORELLA.

decolorella, *Wltn.*

Madeira.

Genus 9. CHRYSOCLISTA.

Chrysoclista, *Sta.*

1. CHRYSOCLISTA LINNEELLA.

Linneella, *Clk.*—Linnaeella, *Zl.*—Schæfferella, *Dp.**a, b.* England. From Mr. Wing's collection.*c—r.* England.

2. CHRYSOCLISTA BIMACULELLA.

bimaculella, *Hw.*—Linneella, *mas.*, *F.-R.*

3. CHRYSOCLISTA SCHRANKELLA.

Schrankella, *Hb.*—locupletella, *F.-R.**a.* England. From Mr. Wing's collection.*b, c.* England.

4. CHRYSOCLISTA QUADRILOBELLA.

quadrilobella, *H.-S.*

5. *CHRYSOCLISTA CHRYSARGYRELLA*.*chrysargyrella*, *H.-S.*6. *CHRYSOCLISTA AURIFRONTELLA*.*aurifrontella*, *Hb.*—*flavicaput*, *Hw.**a—g.* England. From Mr. Wing's collection.*h—i.* England.Genus 10. *HELIODINES*.*Heliodines*, *Sta.*1. *HELIODINES ROESELLA*.*Roesella*, *L.**a, b.* England.Genus 11. *ANYBIA*.*Anybia*, *Sta.*1. *ANYBIA LANGIELLA*.*Langiella*, *Hb.*—*niveipunctella*, *Sta.**a.* England.2. *ANYBIA FULICELLA*.*fulicella*, *H.-S.*—*Langiella*, *H.-S.*Genus 12. *OCHROMOLOPIS*.*Ochromolopis*, *Hb.*1. *OCHROMOLOPIS ICTELLA*.*ictella*, *Hb.*—*ictipennella*, *Tr.*Genus 13. *ASYCHNA*.*Asychna*, *Sta.*1. *ASYCHNA MODESTELLA*.*modestella*, *Dp.*—*splendidella*, *Zl.**a—e.* England. From Mr. Wing's collection.*f, g.* England.

2. ASYCHNA ÆRATELLA.

æratella, *Zl.*

a. England. From Mr. Stevens' collection.

b. England. Presented by Miss Stanley.

c—h. England.

3. ASYCHNA TERMINELLA.

terminella, *Hp. et Wtw.*

a. England. From Mr. Bouchard's collection.

Madeira.

4. ASYCHNA INSULARIS.

insularis, *Wltn.*

Madeira.

Genus 14. CHRYSOCORYS.

Chrysocorys, *Ct.*

1. CHRYSOCORYS FESTALIELLA.

festaliella, *Hb.*—scissella, *Hw.*—angustipennella, *Ct.*—Montandonella, *Dp.*—scissella? *Hb.*

a, b. England. From Mr. Chant's collection.

c. England. From Mr. Stevens' collection.

f. England. From Mr. Wing's collection.

g—n. England.

o, p. Europe. From M. Becker's collection.

North America.

2. CHRYSOCORYS ERYTHRIELLA.

erythriella, *Clms.*

United States.

Genus 15. STAGMATOPHORA.

Stagmatophora, *H.-S.*

1. STAGMATOPHORA ISABELLELLA.

Isabellella, *Costa*—opulentella, *H.-S.*

2. STAGMATOPHORA DOHRNII.

Dohrnii, *Zl.*

3. STAGMATOPHORA HEYDENIELLA.

Heydeniella, *F.-R.*

4. STAGMATOPHORA POMPOSELLA.

pomposella, *Zl.*

5. STAGMATOPHORA GRABOWIELLA.

Grabowiella, *Std.*

6. STAGMATOPHORA SUMPTUOSELLA.

sumptuosella, *Ld.*

7. STAGMATOPHORA SERRATELLA.

serratella, *Tr.*

8. STAGMATOPHORA ALBIAPICELLA.

albiapicella, *H.-S.*

9. STAGMATOPHORA PHONGITELLA.

phongitella, *Hb.*

Genus 16. ANTISPILA.

Antispila, *Hb.*

1. ANTISPILA PFEIFFERELLA.

Pfeifferella, *Hb.*—quadriguttella, *Hw.**a, b.* England. From Mr. Chant's collection.*c—k.* England.

2. ANTISPILA TREITSCHKIELLA.

Treitschkiella, *F.-R.*—Treitschkeella, *Sta.**a, b.* England.

North America.

3. ANTISPILA NYSÆFOLIELLA.

nysæfoliella, *Clms.*

United States.

4. ANTISPILA CORNIFOLIELLA.

cornifoliella, *Clms.*

United States.

5. ANTISPILA VITICORDIFOLIELLA.

viticordifoliella, *Clms.*

United States.

6. ANTISPILA ISABELLA.

Isabella, *Clms.*

United States.

Genus 17. STEPHENSIA.

Stephensia, *Sta.*

1. STEPHENSIA BRUNNICHIELLA.

Brunnichiella, *L.*—magnificella, *Zl.*—Stephensella, *Dgl.**a.* England.

Genus 18. ELACHISTA.

Elachista, *Sta.*

1. ELACHISTA QUADRELLA.

quadrella, *Hb.*—quadripunctella, *Hb.*—tetrastictella, *Zl. olim.*—
guttella, *Reutti.*

2. ELACHISTA TETRAGONELLA.

tetragonella, *H.-S.*

3. ELACHISTA TRAPEZIELLA.

trapeziella, *Sta.*—guttifera, *Hw.**a.* England. From Mr. Bouchard's collection.

4. ELACHISTA ORNITHOPEDELLA.

ornithopedella, *Fy.*

Switzerland.

5. ELACHISTA MAGNIFICELLA.

magnificella, *Tengstrom*—regificella, *Sircom*—geminatella, *H.-S.*

a. England. From Mr. Bouchard's collection.

b—e. England.

6. ELACHISTA NOBILIELLA.

nobiliella, *F.-R.*

Germany. Switzerland.

7. ELACHISTA GLEICHENELLA.

gleichella, *Hw.*—fractella, *H.-S.*—trifasciella, *Tengst.*—gleichenella, *Sta.*

a, b. England. From Mr. Wing's collection.

c, d. England. Presented by E. Shepherd, Esq.

e—g. England. From Mr. Bouchard's collection.

h.—m. England.

8. ELACHISTA APICIPUNCTELLA.

apicipunctella, *Sta.*

a—g. England. From Mr. Chant's collection.

9. ELACHISTA ALBIFRONTELLA.

albifrontella, *Hb.*—quadrella, *Hw.*

a, b. England. From Mr. Bouchard's collection.

c—p. England.

10. ELACHISTA HELVETIA.

helvetia, *Fy.*

11. ELACHISTA CINEREOPUNCTELLA.

cinereopunctella, *Hw.*

a—i. England. From Mr. Wing's collection.

12. ELACHISTA ABBREVIATELLA.

abbreviatella, *Sta.*—latipennella, *H.-S.*

13. ELACHISTA LUTICOMELLA.

luticomella, *Zl.*—guttella? *Hw.*

a—n. England.

14. ELACHISTA FLAVICOMELLA.

flavicomella, *Sta.*

15. ELACHISTA ATRICOMELLA.

atricomella, *Sta.*—alienella, *Sta. olim.*—exiguella? *St.*

a. England. From Mr. Chant's collection.

b. England. From Mr. Bouchard's collection.

c—e. England. From Mr. Wing's collection.

f—j. England.

16. ELACHISTA STAGNALIS.

stagnalis, *Fy.*

17. ELACHISTA KILMUNELLA.

Kilmunella, *Sta.*—alpinella, *Sta. olim.*

a, b. England.

18. ELACHISTA HOLDENELLA.

Holdenella (*Edleston*), *Sta.*

19. ELACHISTA POÆ.

poæ (*Dgls.*), *Sta.*

20. ELACHISTA AIRÆ.

airæ, *Fy.*

21. ELACHISTA PERPLEXELLA.

perplexella, *Sta.*—subnigrella, *Fy. olim.*—subnigrella? *H.-S.*

22. ELACHISTA SUBNIGRELLA.

subnigrella, *Dgl.*

a, b. England. From Mr. Bouchard's collection.

c, d. England.

23. ELACHISTA PULLELLA.

pullella, *F.-R.*

24. ELACHISTA INCERTELLA.

incertella, *Fy.*

25. ELACHISTA EXACTELLA.

exactella, *H.-S.*—parvulella, *H.-S.*—consortella, *Fy. olim.*

26. ELACHISTA NIGRELLA.

nigrella, *Hw.**a*—*c.* England. From Mr. Wing's collection.*d*—*o.* England.

27. ELACHISTA GREGSONI.

Gregsoni, *Sta.*

28. ELACHISTA STABILELLA.

stabilella, *Sta.*

29. ELACHISTA HERRICHII.

Herrichii, *Fy.*—nigrella, *H.-S.*

30. ELACHISTA ELEGANS.

elegans, *Fy.*

31. ELACHISTA BEDELLELLA.

Bedellella, *Sircom*—truncatella, *Zl.*—nigrella, *H.-S.* (Text).*a.* England.

32. ELACHISTA EXTENSELLA.

extensella, *Sta.*

33. ELACHISTA PULLICOMELLA.

pullicomella, *Zl.*—rectifasciella, *Sta.*—furvicomella, *Sta.* (Plate).

34. ELACHISTA HUMILIS.

humilis, *Zl.*—occultella, *Dgl.*

35. ELACHISTA OBSCURELLA.

obscura, *Sta.*—pulchella, *Sta.*

a—h. England. From Mr. Wing's collection.

i—n. England.

36. ELACHISTA ARUNDINELLA.

arundinella, *F.-R.*—arundinis, *H.-S.*

37. ELACHISTA CONSORTELLA.

consortella, *Logan.*

38. ELACHISTA REUTTIANA.

Reuttiana, *Fy.*—obscura, *H.-S.*

39. ELACHISTA INCANELLA.

incanella, *F.-R.*

40. ELACHISTA GRISEELLA.

griseella, *F.-R.*

41. ELACHISTA DISPOSITELLA.

dispositella (*Mn.*), *Sta.*

42. ELACHISTA BIFASCIELLA.

bifasciella, *Tr.*—binella, *Zl. olim.*

43. ELACHISTA CINGILELLA.

cingilella, *F.-R.*

44. ELACHISTA MELANCHOLICA.

melancholica, *Fy.*

45. ELACHISTA MEGERLELLA.

Megerlella, *Sta.*

a, b. England. Presented by E. Shepherd, Esq.

c, d. England. From Mr. Chant's collection.

e—n. England.

46. ELACHISTA ADSCITELLA.

adscitella, *Sta.*—abruptella, *Sta.*

47. ELACHISTA CINCTELLA.

cinctella, *Zl.*

48. ELACHISTA REVINCTELLA.

revinctella, *Zl.*—vinctella, *Zl. olim.*

49. ELACHISTA TÆNIATELLA.

tæniatella (*Zl.*), *Sta.*—gangabella, *Fy.*

50. ELACHISTA CHRYSODESMELLA.

chrysodesmella, *Zl.*

51. ELACHISTA GANGABELLA.

gangabella, *F.-R., Zl.*—albinella, *Sta. olim.*

a—n. England. From Mr. Wing's collection.

o—q. England.

52. ELACHISTA ZONARIELLA.

zonariella, *Tgstr.*—bisulcella, *Zl.*

a. England.

53. ELACHISTA OBLIQUELLA.

obliquella (*Edleston*), *Sta.*

54. ELACHISTA SERRICORNIS.

serricornis (*Logan*), *Sta.*

55. ELACHISTA CERUSELLA.

cerusella, *Hb.*—cerussella, *Zl.*

a, b. England. From Mr. King's collection.

c—f. England.

56. ELACHISTA UTONELLA.

utonella, *Fy.*

57. ELACHISTA CONTAMINATELLA.

contaminatella, *Zl.*

58. ELACHISTA RHYNCHOSPORELLA.

rhynchosporella, *Sta.* — uliginella, *H.-S. olim.* — albidella (*Nylander*), *Tgstr.*
a—e. England.

59. ELACHISTA PALUDUM.

paludum, *Sta., Fy.*

60. ELACHISTA CARICIS.

caricis, *Sta.*

61. ELACHISTA ELEOCHARIELLA.

eleochariella, *Sta.*

62. ELACHISTA BIATOMELLA.

biatomella, *Sta.*

63. ELACHISTA DISERTELLA.

disertella, *F.-R.* — anserinella, *H.-S. (Plate)* — pollinariella, *Sta.*
a. England.

64. ELACHISTA POLLINARIELLA.

pollinariella, *H.-S.*

a. England.

65. ELACHISTA GROSSEPUNCTELLA.

grossepunctella, *H.-S.*

66. ELACHISTA COLLITELLA.

collitella, *F.-R.*

67. ELACHISTA SUBOCELLEA.

subocellea, *St.* — collitella, *Sta. olim.*

68. ELACHISTA LUGDUNENSIS.

lugdunensis, *Fy.*

69. ELACHISTA RUDECTELLA.

rudectella, *F.-R.*

70. ELACHISTA SQUAMOSELLA.

squamosella (*F.-R.*), *H.-S.*

71. ELACHISTA CONSTITELLA.

constitella (*Zl.*), *Sta.*

72. ELACHISTA RUFOCINEREA.

rufocinerea, *Hw.*—floslactis, *Hw.*

a, b. England. From Mr. Chant's collection.

c—q. England.

73. ELACHISTA ANSERINELLA.

anserinella, *F.-R.*

74. ELACHISTA DISEMIELLA.

disemiella, *Zl.*

75. ELACHISTA TRIATOMEA.

triatomea, *Hw.*—dispilella, *Sta. olim.*

76. ELACHISTA DISPILELLA.

dispilella, *Zl.*

77. ELACHISTA DISTIGMATELLA.

distigmatella, *Fy.*

78. ELACHISTA DISPUNCTELLA.

dispunctella, *F.-R.*

79. ELACHISTA TRISERIATELLA.

triseriatella, *Sta.*

80. ELACHISTA PIPERATELLA.

piperatella, *Std.*

81. ELACHISTA NITIDULELLA.

nitidulella, *F.-R.*

82. ELACHISTA ARGENTELLA.

argentella, *Clk.*—cygnipennella, *Hb.*—cygnella, *Tr.*—cygnipennis,
Hw.—semialbella, *St.*

a, b. England. From Mr. Bouchard's collection.

c—i. England.

j—k. Europe. From M. Heminghoffen's collection.

83. ELACHISTA POLLUTELLA.

pollutella, *F.-R.*

84. ELACHISTA FESTUCICOLELLA.

festucicolella, *Zl.*

85. ELACHISTA OCHREELLA.

ochreella, *Sta.*—nebulella, *Sta. olim.*—subalbidella, *Schlager.*

86. ELACHISTA FUSCOOCHREELLA.

fuscoochreella, *Fy.*

87. ELACHISTA MUCHLIGIELLA.

Muchligiella, *Fy.*

North America.

88. ELACHISTA PRÆMATURELLA.

præmaturella, *Clms.*

United States.

89. ELACHISTA ILLECTELLA.

illectella, *Clms.*

United States.

90. ELACHISTA MACULOSELLA.

maculosella, *Clms.*

United States.

91. ELACHISTA MADARELLA.

madarella, *Clms.*

United States.

South America.

92. ELACHISTA COFEELLA.

cofeella, *Lacerda*.

Bahia.

Australia.

93. ELACHISTA LATIVITTELLA.

Mas. *Cuprea*; *caput hirsutum*; *antennæ subcrenulatæ*; *abdomen cinereum*; *alæ anticæ apice rotundatæ*, *vitta lata postica cuprea*; *posticæ cinereæ*.

Male. Cupreous. Head clothed with short erect hairs. Antennæ indistinctly crenulated, much shorter than the fore wings. Abdomen cinereous. Fore wings moderately broad, rounded at the tips, with a broad cupreous stripe, which is nearer to the interior border than to the costa, and occupies the whole of the exterior border and of the fringe. Hind wings cinereous, with a very long fringe. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Sydney. From Mr. Lambert's collection.

New Zealand.

94. ELACHISTA SUBPAVONELLA.

Fœm. *Argenteo-albida*; *palpi brevissimi, dense fimbriati*; *alæ anticæ longæ, angustæ, subacutæ*, *vitta costali lata cuprea e lineolis tribus obliquis intersecta*, *lineola 3a postice dilatata guttam nigram includente*, *linea marginali cuprea*; *posticæ cinereæ*.

Female. Silvery whitish. Palpi very short, broadly and thickly fringed. Antennæ much shorter than the fore wings. Abdomen long. Wings long, narrow. Fore wings slightly acute, with a broad costal cupreous stripe, which is intersected by three oblique white lines; third line subapical, dilated hindward, containing a black dot; marginal line cupreous; exterior border much curved. Hind wings cinereous. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Dr. Sinclair.

b. New Zealand. Presented by Col. Bolton.

Genus 19. TISCHERIA.

Tischeria, Zl.—Elachista, Tr.—Haploptilia, Hb.

1. TISCHERIA COMPLANELLA.

complanella, Hb.—comparella, H.-S.—fulvescens, St.

a, b. England. From Mr. Chant's collection.

c—n. England.

2. TISCHERIA RICCIARDELLA.

ricciardella, Costa.

3. TISCHERIA MARGINEA.

marginea, Hw.—emyella, Dp.

a—e. England.

4. TISCHERIA GAUNACELLA.

gaunacella, F.-R., Dp.

5. TISCHERIA ANGUSTICOLLELLA.

angusticollella, Heyden, Dp.

6. TISCHERIA DODONÆA.

dodonæa, Sta.

North America.

7. TISCHERIA MALIFOLIELLA.

malifoliella, Clms.

United States.

8. TISCHERIA SOLIDAGONIFOLIELLA.

solidagonifoliella, Clms.

United States.

9. TISCHERIA ZELLERIELLA.

Zelleriella, Clms.

United States.

10. *TISCHERIA CITRINIPENNELLA*.citrinipennella, *Clms.*

United States

Genus 20. *STILBOSIS*.Stilbosis, *Clms.*1. *STILBOSIS TESQUELLA*.tesquella, *Clms.*

United States.

Genus 21. *ASPIDISCA*.Aspidisca, *Clms.*1. *ASPIDISCA SPLENDORIFERELLA*.splendoriferella, *Clms.*

United States.

Genus 22. *PARECTOPA*.Parectopa, *Clms.*1. *PARECTOPA LESPEDZÆFOLIELLA*.lespedezæfoliella, *Clms.*

United States.

Genus 23. *ATKINSONIA*.Atkinsonia, *Sta.*1. *ATKINSONIA CLERODENDRONELLA*.Clerodendronella, *Atkn.*

Calcutta.

Fam. 10. *LITHOCOLLETIDÆ*.Lithocolletidæ, *Sta.*Genus 1. *LITHOCOLLETIS*.Lithocolletis, *Hb.*— Elachista, *Tr.*— Argyromiges, *St.*— Ornix,
Bché.

1. LITHOCOLLETIS ROBORIS.

roboris, *Zl.*—roborifoliella, *Dp.*—roborella, *Sta.*

a—d. England. From Mr. Bouchard's collection.

e, f. Germany. From M. Heminghoffen's collection.

2. LITHOCOLLETIS HORTELLA.

hortella, *F.*—saportella, *Dp.*—Kuhlweiniella, *Zl.*

a, b. England.

c. Germany. From M. Heminghoffen's collection.

3. LITHOCOLLETIS AMYOTELLA.

Amyotella, *Dp.*—Mulleriella, *Zl.*

a—k. England. From Mr. Bouchard's collection.

4. LITHOCOLLETIS SCITULELLA.

scitulella, *F.-R., Zl.*

5. LITHOCOLLETIS PARISIELLA.

Parisiella, *Wck.*

6. LITHOCOLLETIS ILICIFOLIELLA.

ilicifoliella, *Zl.*

7. LITHOCOLLETIS ENDRYELLA.

endryella, *Mn.*

8. LITHOCOLLETIS DISTENTELLA.

distentella, *F.-R., Zl.*

9. LITHOCOLLETIS DELITELLA.

delitella, *F.-R., Zl.*

10. LITHOCOLLETIS ABRASELLA.

abrasella, *F.-R., Zl.*

11. LITHOCOLLETIS CRAMERELLA.

Cramerella, *F.*

a—c. England. From Mr. Chant's collection.

d—l. England.

m—o. Germany. From M. Heminghoffen's collection.

12. LITHOCOLLETIS HEEGERIELLA.

Heegeriella, *Zl.*

a—c. England.

13. LITHOCOLLETIS TENELLA.

tenella, *Zl.*

a. Germany. From M. Heminghoffen's collection.

14. LITHOCOLLETIS ALNIELLA.

alnifoliella? *Hb.*—Cramerella? *Dp.*—Rajella, *Zl.*—alniella, *Tischer*,
Zl.

a. England. From Mr. Bouchard's collection.

b—h. England.

15. LITHOCOLLETIS ALPINA.

alpina, *Fy.*

16. LITHOCOLLETIS STRIGULATELLA.

strigulatella, *Zl.*—rajella, *Zl.*

17. LITHOCOLLETIS LANTANELLA.

lantanella, *Schr.*—elatella, *Zl.*

a. England. From Mr. Bouchard's collection.

18. LITHOCOLLETIS JUNONIELLA.

Junoniella, *Zl.*—vacciniella, *Sta.*

19. LITHOCOLLETIS CYDONIELLA.

cydoniella, *Fy.*

20. LITHOCOLLETIS POMIFOLIELLA.

cydoniella, *W. V.*—pomifoliella, *Tischer, Zl.*

a—l. England. From Mr. Bouchard's collection.

m—o. England.

p, q. Europe. From M. Becker's collection.

21. LITHOCOLLETIS OXYACANTHÆ.

oxyacanthæ, *Fy.*

22. LITHOCOLLETIS SPINICOLELLA.

spinicolella, *Sta.*—pruni, *Fy.*—pruniella, *H.-S.*—pomonella, *var.*
spinicolella, *Zl.*—deflexella, *Sta.*

a—e. England. From Mr. Bouchard's collection.

23. LITHOCOLLETIS CERASICOLELLA.

cerasicolella, *H.-S.*

24. LITHOCOLLETIS SORBI.

Sorbi, *Fy.*—sorbifoliella, *H.-S.*—pomonella, *H.-S.*

25. LITHOCOLLETIS TORMINELLA.

torminella, *Fy.*

26. LITHOCOLLETIS FAGINELLA.

faginella, *Zl.*—fagifoliella, *Sircom*—pomonella, *Nicelli*—phego-
phagella, *H.-S.*—fagicolella, *H.-S.*—securiferella, *Sta.*

a, b. England. From Mr. Bouchard's collection.

27. LITHOCOLLETIS CARPINICOLELLA.

carpinicolella, *Sta.*—ilicifoliella, *Sta.*

a, b. England.

28. LITHOCOLLETIS CORYLI.

coryli, *Nicelli.*

a. England. From Mr. Bouchard's collection.

b. England.

29. LITHOCOLLETIS DUBITELLA.

dubitella, *H.-S.*—spinicolella, *H.-S.*

30. LITHOCOLLETIS VIMINETORUM.

viminetorum, *Sta.*—viminetella, *H.-S.*

31. LITHOCOLLETIS SALICICOLELLA.

salicicolella, *Sircom*—capraella, *Nicelli*—capreella, *Fy.*

a. England. From Mr. Bouchard's collection.

b, c. England. From Mr. Chant's collection.

d—h. England.

32. LITHOCOLLETIS SPINOLELLA.

spinolella, *Dp.*—hilarella, *Ztt.*

a—e. England.

33. LITHOCOLLETIS CAVELLA.

cavella, *Zl.*—Schreberella, *Zl.*

34. LITHOCOLLETIS MANNII.

Mannii, *Zl.*

35. LITHOCOLLETIS ULMIFOLIELLA.

ulmifoliella, *Hb.*

a. England. From Mr. Chant's collection.

b—d. England. From Mr. Bouchard's collection.

e—h. England.

36. LITHOCOLLETIS QUINQUEGUTTELLA.

quinqueguttella, *Sta.*

a, b. England. From Mr. Bouchard's collection.

37. LITHOCOLLETIS NIGRESCENTELLA.

nigrescentella, *Logan.*

38. LITHOCOLLETIS IRRADIELLA.

irradiella, *Sta.*

a, b. England. From Mr. Bouchard's collection.

39. LITHOCOLLETIS QUERCIFOLIELLA.

quercifoliella, *F.-R., Zl.*

a—c. England. Presented by F. Bond, Esq.

d—m. England.

40. LITHOCOLLETIS MESSANIELLA.

Messaniella, *Zl.—Blancardella, Wtw.*

a—d. England. From Mr. Bouchard's collection.

e—p. England.

q, r. Europe. From M. Becker's collection.

s—u. Germany. From M. Heminghoffen's collection.

41. LITHOCOLLETIS HESPERIELLA.

hesperiella, *Std.*

42. LITHOCOLLETIS LEUCOGRAPHELLA.

leucographella, *Zl.*

43. LITHOCOLLETIS BELOTELLA.

Belotella, *Std.*

44. LITHOCOLLETIS SUBERIFOLIELLA.

suberifoliella, *Zl.*

45. LITHOCOLLETIS BETULÆ.

Betulæ, *Zl.*

a, b. Germany. From M. Heminghoffen's collection.

46. LITHOCOLLETIS CORYLIFOLIELLA.

corylifoliella, *Hw.*

a—l. England.

47. LITHOCOLLETIS STANTONIELLA.

Stantoniella, *Dgl.*

48. LITHOCOLLETIS QUINQUENOTELLA.

quinquenotella, *H.-S.*

49. LITHOCOLLETIS FRAXINELLA.

fraxinella, *Mn., Zl.*

50. LITHOCOLLETIS CALEDONIELLA.

caledoniella, *Sta.*

a. England. From Mr. Bouchard's collection.

51. LITHOCOLLETIS SCOPARIELLA.

scopariella, *Tischer, Zl.*

52. LITHOCOLLETIS ULICICOLELLA.

ulicicolella, *Sta.*

53. LITHOCOLLETIS SALICTELLA.

salictella, *Zl.*

54. LITHOCOLLETIS CONNEXELLA.

connexella, *Zl.*

55. LITHOCOLLETIS VIMINELLA.

viminella, *Sta.*

a, b. England.

56. LITHOCOLLETIS SCABIOSELLA.

scabiosella, *Dgl.*

a. England. From Mr. Bouchard's collection.

b. England.

57. LITHOCOLLETIS EMBERIZÆPENNELLA.

emberizæpennella, *Bché.*—Pezzolella, *H.-S.*

a—d. England. From Mr. Bouchard's collection.

e. England.

f. Europe. From M. Becker's collection.

g, h. Germany. From M. Heminghoffen's collection.

58. LITHOCOLLETIS FROLICHIELLA.

Frolichiella, *Zl.*

a—e. England. From Mr. Bouchard's collection.

59. LITHOCOLLETIS DUNNINGIELLA.

Dunningiella, *Sta.*

60. LITHOCOLLETIS STETTINENSIS.

Stettinensis, *Nicelli*—Stettinella, *H.-S.*

a. England. From Mr. Bouchard's collection.

61. LITHOCOLLETIS LAUTELLA.

lautella, *Hdn., Zl.*

a—d. England.

e. Germany. From M. Heminghoffen's collection.

62. LITHOCOLLETIS INSIGNITELLA.

insignitella, *Zl.*

63. LITHOCOLLETIS BREMIELLA.

Bremiella, *Fy.*

a. England.

64. LITHOCOLLETIS KLEEMANNELLA.

Kleemannella, *F.*

a, b. Europe. From M. Becker's collection.

65. LITHOCOLLETIS SCHREBERELLA.

Schreberella, *F.*—ulminella, *Zl.*

a—c. England. From Mr. Foxcroft's collection.

d—j. England.

k, l. Europe. From M. Becker's collection.

m, n. Germany. From M. Heminghoffen's collection.

o. (Pupæ). Germany. From M. Heminghoffen's collection.

66. LITHOCOLLETIS NICELLII.

Nicellii, *Sta.*—tristrigella? *Nicelli*—avellanella, *Schr.*

a—h. England. From Mr. Bouchard's collection.

67. LITHOCOLLETIS TRISTRIGELLA.

tristrigella, *Hw.*—strigifasciella, *Sta.*

a—f. England. From Mr. Bouchard's collection.

g—m. England.

68. LITHOCOLLETIS TRIFASCIELLA.

trifasciella, *Hw.*—Heydeniella, *Zl.*

a. England. From Mr. Bouchard's collection.

b—e. England.

69. LITHOCOLLETIS SILVELLA.

silvella, *Hw.*—acerifoliella, *F.-R.*, *Zl.*—acernella, *Dp.*

a, b. Europe. From M. Becker's collection.

70. LITHOCOLLETIS HELIANTHEMELLA.

helianthemella, *H.-S.*

71. LITHOCOLLETIS CHICLANELLA.

Chiclanella, *Std.*

72. LITHOCOLLETIS PASTORELLA.

pastorella, *Hdn.*, *Zl.*—populifoliella, *var.*, *Tr.*

73. LITHOCOLLETIS COMPARELLA.

comparella, *F.-R.*, *Zl.*

74. LITHOCOLLETIS TREMULÆ.

tremulæ, *Zl.*

75. LITHOCOLLETIS POPULIFOLIELLA.

populifoliella, *Tr.*

76. LITHOCOLLETIS APPARELLA.

apparella, *H.-S.*

77. LITHOCOLLETIS AGILELLA.

agilella, *Zl.*

78. LITHOCOLLETIS ACACIELLA.

acaciella, *Mn.*, *Zl.*

79. LITHOCOLLETIS SYLVELLA.

sylvella, *Linn.*

a—j. England. From Mr. Bouchard's collection.

k—o. England.

North America.

80. LITHOCOLLETIS FITCHELLA.

Fitchella, *Clms.*—quercifoliella, *Fitch.*

United States.

81. LITHOCOLLETIS TUBIFERELLA.

tubiferella, *Clms.*

United States.

82. LITHOCOLLETIS CRATÆGELLA.

cratægella, *Clms.*

United States.

83. LITHOCOLLETIS LUCIDICOSTELLA.

lucidicostella, *Clms.*

United States.

84. LITHOCOLLETIS ROBINIELLA.

robinella, *Clms.*

United States.

85. LITHOCOLLETIS DESMODIELLA.

desmodiella, *Clms.*

United States.

86. LITHOCOLLETIS ÆRIFERELLA.

æriferella, *Clms.*

United States.

87. LITHOCOLLETIS BASISTRIGELLA.

basistrigella, *Clms.*

United States.

88. LITHOCOLLETIS ARGENTIFIMBRIELLA.

argentifimbriella, *Clms.*

United States.

89. LITHOCOLLETIS OBSCURICOSTELLA.

obscuricostella, *Clms.*

United States.

90. LITHOCOLLETIS OSTRYÆFOLIELLA.

ostryæfoliella, *Clms.*

United States.

91. LITHOCOLLETIS LUCETIELLA.

lucetiella, *Clms.*

United States.

92. LITHOCOLLETIS OBSTRICTELLA.

obstrictella, *Clms.*

United States.

93. LITHOCOLLETIS CARYÆFOLIELLA.

caryæfoliella, *Clms.*

United States.

94. LITHOCOLLETIS ACERIELLA.

aceriella, *Clms.*

United States.

95. LITHOCOLLETIS GUTTIFINITELLA.

guttifinitella, *Clms.*

United States.

96. LITHOCOLLETIS CRATÆGELLA.

cratægella, *Clms.*

United States.

97. LITHOCOLLETIS HAMADRYADELLA.

hamadryadella, *Clms.*

United States.

98. LITHOCOLLETIS ARGENTINOTELLA.

argentinotella, *Clms.*

United States.

Hindustan.

99. LITHOCOLLETIS BAUHINIÆ.

Bauhiniæ, *Sta.*

Calcutta.

Australia.

100. LITHOCOLLETIS LALAGELLA.

Lalagella, *Nwm.*

Australia.

Fam. 11. LYONETIDÆ.

Lyonetidæ, *Sta.*

Genus 1. LYONETIA.

Lyonetia, *Hb.*—Elachista, *Tr.*—Heribeia, *St.*—Argyromyges, *St.*

1. LYONETIA CLERCKELLA.

Clerckella, *L.*—argyrodactyla, *W. V.*—malella, *Schr.*—malifoliella, *Hb.*—cerasifoliella? *Hb.*—aereella, *Tr.*—unipunctella, *St.*—autumnella? *St.**a.* England. From Mr. Bouchard's collection.*b—e.* England.*f, g.* Germany. From M. Heminghoffen's collection.

2. LYONETIA LEDI.

ledi, *Wck.*

3. LYONETIA PRUNIFOLIELLA.

prunifoliella, *Hb.*—Clerckella, *Hb.*, var. padifoliella, *Hb.*—acerifoliella, *Ct.*, var. albella, *Ev.**a, b.* England. From Mr. Bouchard's collection.*c, d.* England.

4. LYONETIA PULVERULENTELLA.

pulverulentella, *F.-R.*, *Zl.*

5. LYONETIA FRIGIDARIELLA.

frigidariella, *H.-S.*

Genus 2. PHYLLOCNISTIS.

Phyllocnistis, *Zl.*—Opostega, *F.-R.*

1. PHYLLOCNISTIS SUFFUSELLA.

suffusella, *Zl.*—tremulella, *F.-R.*

a, b. England.

2. PHYLLOCNISTIS SALIGNA.

saligna, *Zl.*—salicifoliella, *Dp.*

a. England.

North America.

3. PHYLLOCNISTIS VITEGENELLA.

vitegenella, *Clms.*

United States.

Genus 3. CEMIOSTOMA.

Cemiosoma, *Zl.*—Leucoptera, *Hb.*—Heribeia, *Hw.*—Elachista, *Tr.*—Argyromyges, *St.*

1. CEMIOSTOMA SUSINELLA.

susinella, *H.-S.*

2. CEMIOSTOMA SPARTIFOLIELLA.

spartifoliella, *Hb.*—punctaurella, *Hw.*

a, b. England. From Mr. Chant's collection.

c—k. England.

l, m. Germany. From M. Heminghoffen's collection.

n. (Pupa). Germany. From M. Heminghoffen's collection.

3. CEMIOSTOMA WAILESELLA.

Wailesella, *Sta.*

4. CEMIOSTOMA LABURNELLA.

laburnella, *Sta.*

a—e. England.

5. CEMIOSTOMA ZANCLÆELLA.

Zanclæella, *Zl.*

6. CEMIOSTOMA LOTELLA.

lotella, *Sta.*

7. CEMIOSTOMA SCITELLA.

scitella, *Mtzn., Zl.*—Clerckella, *St.*

a—d. England. From Mr. Chant's collection.

e—p. England.

q—s. Germany. From M. Heminghoffen's collection.

t. (Pupa). Germany. From M. Heminghoffen's collection.

8. CEMIOSTOMA LUSTRATELLA.

lustratella, *H.-S.*

Genus 4. OPOSTEGA.

Opostega, *Zl.*—Leucoptera, *Hb.*—Elachista, *Tr.*—Aphelosetia, *St.*

1. OPOSTEGA SALACIELLA.

salaciella, *Tr.*

a—d. England.

2. OPOSTEGA SPATULELLA.

spatulella, *H.-S.*

3. OPOSTEGA MENTHINELLA.

menthinella, *Mn.*

4. OPOSTEGA AURITALIS.

auritalis, *Hb.*

a, b. England.

5. OPOSTEGA CREPUSCULELLA.

crepusculella, *F.-R.*—auritella, *St.*

a. England. From Mr. Bouchard's collection.

6. OPOSTEGA RELIQUELLA.

reliquella, *Zl.*

Genus 5. PHYLLOBROSTIS.

Phyllobrostis, *Std.*

1. PHYLLOBROSTIS DAPHNEELLA.

Daphneella, *Std.*

Genus 6. BUCCULATRIX.

Bucculatrix, *Zl.*—Elachista, *Tr.*—Lyonetia, *Zl. olim.*—Lithocolletis, *Zl. olim.*—Ceroclastis, *Zl.*

1. BUCCULATRIX IMITATELLA.

imitatella, *H.-S.*

2. BUCCULATRIX CRISTATELLA.

cristatella, *F.-R., Zl.*

a—e. England. From Mr. Bouchard's collection.

3. BUCCULATRIX NIGRICOMELLA.

nigricomella, *Zl.*—orichalcella? *Ev.*

4. BUCCULATRIX CIDARELLA.

cidarella, *Tischer.*

a—c. England. From Mr. Bouchard's collection.

5. BUCCULATRIX GRACILELLA.

gracilella, *Fy.*

6. BUCCULATRIX AURIMACULELLA.

aurimaculella, *Sta.*

7. BUCCULATRIX ARGENTISIGNELLA.

argentisignella, *H.-S.*

8. BUCCULATRIX THORACELLA.

thoracella, *Wenner, Thb.*—hippocastanella, *Dp.*—hippocastani, *Zl.*

a. England. Presented by J. C. Dale, Esq.

b. England. From Mr. Bouchard's collection.

9. BUCCULATRIX ULMELLA.

ulmella, *Mn.*, *Zl.*—Sircomella, *Sta.*—cuculipennella, *var. δ.*, *Hw.*

a—l. England.

m, n. Germany. From M. Heminghoffen's collection.

o. (Pupa). Germany. From M. Heminghoffen's collection.

10. BUCCULATRIX VETUSTELLA.

vetustella, *Sta.*

a, b. England.

11. BUCCULATRIX CRATÆGI.

cratægi, *Zl.*—cratægifoliella, *Dp.*—cuculipennella, *var. γ.*, *Hw.*

a—k. England.

12. BUCCULATRIX SCOTICELLA.

Scoticella, *H.-S.*—Demaryella, *Sta.*

a. England. From Mr. Bouchard's collection.

13. BUCCULATRIX MARITIMA.

maritima, *Sta.*

a, b. England. From Mr. Bouchard's collection.

14. BUCCULATRIX DEMARYELLA.

Demaryella, *Dp.*

15. BUCCULATRIX RHAMNIELLA.

rhamniella, *H.-S.*

16. BUCCULATRIX BOYERELLA.

Boyerella, *Dp.*—albidinella, *Zl. olim.*—cuculipennella, *p.*, *Hw.*

a. England. From Mr. Bouchard's collection.

b, c. England.

d. Germany. From M. Heminghoffen's collection.

17. BUCCULATRIX FRANGULELLA.

frangulella, *Goeze*—alnella, *Vlrs.*—rhamnifoliella, *Tr.*
a—e. England.

18. BUCCULATRIX ARTEMISIÆ.

artemisiæ, *H.-S.*

19. BUCCULATRIX GNAPHALIELLA.

gnaphaliella, *Tr.*

20. BUCCULATRIX HUMILIELLA.

humiliella, *Tr.*

21. BUCCULATRIX FATIGATELLA.

fatigatella, *Hydn.*

North America.

22. BUCCULATRIX CORONATELLA.

coronatella, *Clms.*

United States.

23. BUCCULATRIX POMIFOLIELLA.

pomifoliella, *Clms.*

United States.

24. BUCCULATRIX AGNELLA.

agnella, *Clms.*

United States.

Genus 7. LEUCANTHIZA.

Leucanthiza, *Clms.*

1. LEUCANTHIZA AMPHICARPEÆFOLIELLA.

amphicarpeæfoliella, *Clms.*

United States.

Genus 8. CACHURA.

Mas et fœm. Corpus robustum, planum, squamosum. Caput latum. Proboscis brevis. Palpi decumbentes, breves; articulus 3us longi-conicus, 2o brevior. Antennæ glabræ, sat robustæ; articulus 1us crassus. Pedes læves, breves, validi, dilatati; tarsi postici articulis apice setulosi. Alæ anticæ angustæ, subacutæ, margine exteriori perobliquo.

Male and female. Body stout, flat, smooth, squamous. Head broad. Proboscis short. Palpi smooth, decumbent, hardly longer than half the breadth of the head; third joint elongate-conical, shorter than the second. Antennæ smooth, rather stout, very much shorter than the fore wings; first joint thick. Legs short, stout, smooth; coxæ especially dilated; spurs long; joints of the hind tarsi with small apical tufts of bristles. Wings narrow; fringe rather long. Fore wings slightly acute; costa straight; exterior border extremely oblique.

The structure of this genus is adapted for frequenting very small crevices.

1. CACHURA OBJECTELLA.

Mas et fœm. *Purpureo-cuprea; corpus subtus aurato-cinereum; alæ anticæ fascia lata erecta aurato-flava.*

Male and female. Purplish cinereous. Body beneath gilded cinereous and shining. Fore wings with a broad straight upright gilded yellow band before the middle. Length of the body $1\frac{1}{2}$ — $1\frac{3}{4}$ line; of the wings 5 lines.

a, b. Ceylon. Presented by Dr. Templeton.

Fam. 12. NEPTICULIDÆ.

Nepticulidæ, *Sta.*

Genus 1. NEPTICULA.

Nepticula, *Hdn.*—Elachista, *Tr.*—Lyonetia, *Zl. olim.*—Microsetia, *St.*—Caloptilia, *Hb.*—Æcophora, *Klr.*

1. NEPTICULA ATRICAPITELLA.

atricapitella, *Hw.*—samiatella, *H.-S.*

a, b. England. From Mr. Bouchard's collection.
c—g. England.

2. NEPTICULA RUFICAPITELLA.

ruficapitella, *Hw.*—saniatella, *Zl.*—lamprotornella, *Hdn.*

a. England.

3. NEPTICULA PYGMÆELLA.

pygmæella, *Hw.*

a. England. From Mr. Chant's collection.

b, c. England. From Mr. Bouchard's collection.

d—f. England.

4. NEPTICULA POMELLA.

pomella, *Vaughan.*

5. NEPTICULA MINUSCULELLA.

minusculella, *H.-S.*

6. NEPTICULA TRISTIS.

tristis, *Wck.*

7. NEPTICULA OXYCANTHELLA.

oxycanthella, *Sta.*

a, b. England.

8. NEPTICULA VISCERELLA.

viscerella, *Dgls., Sta.*

9. NEPTICULA AUCUPARIÆ.

aucupariæ, *Fy.*

10. NEPTICULA ANOMALELLA.

anomalella, *Goeze* — ruficapitella, *Lewis* — centifoliella, *Wtd.* — ro-
sella? *Schr.*

a, b. England.

11. NEPTICULA TILIÆ.

tiliæ, *Fy.*

12. NEPTICULA LONICERARUM.

lonicerarum, *Fy.*

13. NEPTICULA DESPERATELLA.

desperatella, *Fy.*

14. NEPTICULA RHAMNELLA.

rhamnella, *H.-S.*

15. NEPTICULA NYLANDRIELLA.

Nylandriella, *H.-S.*

16. NEPTICULA AURELLA.

aurella, *Sta.*

a. England. From Mr. Chant's collection.

b, c. England. From Mr. Foxcroft's collection.

d—f. England.

17. NEPTICULA MARGINICOLELLA.

marginicolella, *Sta.*—aurella, *var., Hw.*—aurella, *p., Zl.*—centifoliella, *Sta. olim.*

18. NEPTICULA GRATIOSELLA.

gratiosella, *Sta.*—aurella, *H.-S.*

a—d. England.

19. NEPTICULA LATIFASCIELLA.

latifasciella, *H.-S.*

20. NEPTICULA ALNETELLA.

alnetella, *Sta.*

21. NEPTICULA MESPILICOLELLA.

mespilicolella, *Fy.*—airella, *H.-S.*

22. NEPTICULA REGIELLA.

regiella, *H.-S.*

23. NEPTICULA CONTINUELLA.

continuella, *Sta.*

24. NEPTICULA MALELLA.

malella, *Sta.**a.* England. From Mr. Bouchard's collection.

25. NEPTICULA ANGUSTIFASCIELLA.

angustifasciella, *Sta.**a.* England. Presented by F. Bond, Esq.*b, c.* England.

26. NEPTICULA RUBIVORA.

rubivora, *Wck.*

27. NEPTICULA ATRICOLLIS.

atricollis, *Sta.*

28. NEPTICULA AGRIMONIELLA.

agrimoniella, *H.-S.*

29. NEPTICULA CENTIFOLIELLA.

centifoliella, *Heyden, Zl.*

30. NEPTICULA TITYRELLA.

Tityrella, *Sta.*—basallela, *H.-S.**a.* England. From Mr. Bouchard's collection.*b.* England.

31. NEPTICULA PRUNETORUM.

prunetorum, *Sta.*—perpusilella, *H.-S.*

32. NEPTICULA DIMIDIATELLA.

dimidiatella, *H.-S.*

33. NEPTICULA HUEBNERELLA.

Huebnerella, *H.-S.*

34. NEPTICULA POTERII.

Poterii, *Sta.*

35. NEPTICULA FREYERELLA.

Freyerella, *Sta.*

[36. NEPTICULA PLAGICOLELLA.

plagicolella, *Sta.**a, b.* England. From Mr. Bouchard's collection.

[37. NEPTICULA MYRTILLELLA.

Myrtillella, *Sta.*

38. NEPTICULA BETULICOLA.

betulicola, *Sta.*

39. NEPTICULA ACETOSÆ.

acetosæ, *Shield, Sta.*

40. NEPTICULA GLUTINOSÆ.

glutinosæ, *Sta.**a, b.* England. From Mr. Bouchard's collection.

41. NEPTICULA SPLENDIDISSIMELLA.

splendidissimella, *H.-S.*—splendidissima, *Fy.*

42. NEPTICULA TORMENTILLELLA.

tormentillella, *H.-S.*

43. NEPTICULA ÆNEOFASCIELLA.

æneofasciella, *H.-S.*—æneofasciata, *Fy.*

44. NEPTICULA ACERIS.

aceris, *Fy.*

45. NEPTICULA ARGENTIPEDELLA.

argentipedella, *Zl.**a, b.* England. From Mr. Chant's collection.
c. England.

46. NEPTICULA MICROTHERIELLA.

microtheriella, *Sta.*

a. England. From Mr. Bouchard's collection.

b, c. England.

47. NEPTICULA IGNOBILELLA.

ignobilella, *Sta.*—aurella, var. β ? *Hw.*

a. England. From Mr. Bouchard's collection.

b. England.

48. NEPTICULA ARCUATA.

arcuata, *Fy.*—arcuatella, *H.-S.*

49. NEPTICULA QUADRIMACULELLA.

quadrимaculella, *Boheman, H.-S.*

50. NEPTICULA LAPPONICA.

lapponica, *Wck.*

51. NEPTICULA VIMINETICOLA.

vimineticola, *Fy.*

52. NEPTICULA SALICIS.

Salicis, *Sta.*

a. England.

53. NEPTICULA HELIANTHEMELLA.

helianthemella, *H.-S.*

54. NEPTICULA LUTEELLA.

luteella, *Sta.*

a. England. From Mr. Bouchard's collection.

55. NEPTICULA FLOSLACTELLA.

floslactella, *Hw.*

a, b. England. From Mr. Bouchard's collection.

56. NEPTICULA FAGI.

fagi, *Fy.*—fagella, *H.-S.*

57. NEPTICULA TURICENSIS.

turicensis, *Fy.*—turicella, *H.-S.* (text)—ignobiliella, *H.-S.* (Pl.)

58. NEPTICULA ASSIMILELLA.

assimilella, *Mtzn.*, *Zl.*—nigricornella, *Mn.*

59. NEPTICULA QUINQUELLA.

quinquella, *Bedell.*

a, b. England.

60. NEPTICULA TRIMACULELLA.

trimaculella, *Hw.*—rufella, *Zl.*—*Var.* populella, *Fy.*, *H.-S.*

a, b. England.

61. NEPTICULA DECENTELLA.

decentella, *H.-S.*

a. Germany. From M. Heminghoffen's collection.

62. NEPTICULA SUBBIMACULATA.

subbimaculata, *Hw.*—cursoriella, *Heyden*—nigrociliella ? *St.*

a. England. From Mr. Chant's collection.

b. England. From Mr. Bouchard's collection.

c—n. England.

o. Germany. From M. Heminghoffen's collection.

63. NEPTICULA ARGYROPEZA.

argyropeza, *Zl.*—argyropezella, *Dp.*

64. NEPTICULA HEADLEYELLA.

Headleyella, *Sta.*

65. NEPTICULA WEAVERI.

Weaveri, *Dgl.*

66. NEPTICULA ARGYROSTIGMA.

argyrostigma, *Fy.*

67. NEPTICULA INTIMELLA.

intimella, *Zl.*

68. NEPTICULA SEPTEMBRELLA.

septembrella, *Sta.*—intimella, *H.-S.*

a, b. England.

69. NEPTICULA CATHARCTICELLA.

catharcticella, *Sta.*

70. NEPTICULA TURBIDELLA.

turbidella, *H.-S.*

71. NEPTICULA SERICOPEZA.

sericopeza, *Zl.*—maryella, *Heeger, Dp.*

a, b. Europe. From M. Becker's collection.

c, d. Germany. From M. Heminghoffen's collection.

72. NEPTICULA TURBULENTELLA.

turbulentella, *Wck.*—turbidella, *H.-S.*

73. NEPTICULA APICELLA.

apicella, *Sta.*—argyropeza, *Sta.*

a, b. England.

c—f. England. From Mr. Bouchard's collection.

74. NEPTICULA CRYPTELLA.

cryptella, *Fy.*

75. NEPTICULA SUBNITIDELLA.

subnitidella, (*F.-R.*), *Zl.*

76. NEPTICULA HEMARGYRELLA.

hemargyrella, *Klr.*

77. NEPTICULA FRAGARIELLA.

fragariella, *Hdn.*

North America.

78. NEPTICULA RUBIFOLIELLA.

rubifoliella, *Clms.*

United States.

Genus 2. TRIFURCULA.

Trifurcula, *Zl.*—Lyonetia, *Zl. olim.*

1. TRIFURCULA PULVEROSELLA.

pulverosella, *Sta.**a, b.* England. From Mr. Bouchard's collection.

2. TRIFURCULA PALLIDELLA.

pallidella, *F.-R., Zl.*

3. TRIFURCULA SEROTINELLA.

serotinella, *H.-S.*

4. TRIFURCULA IMMUNDELLA.

immunabella, *Zl.**a, b.* England. From Mr. Chant's collection.*c—h.* England.

5. TRIFURCULA ALBIFRONTELLA.

albifrontella, *Sta.*

6. TRIFURCULA SQUAMATELLA.

squamatella, *Sta.**a.* England. From Mr. Bouchard's collection.

Tribe PTEROPHORITES.

Pterophorites, *Latr.*

Fam. 1. PTEROPHORIDÆ.

Pterophoridæ, Zl.

Genus 1. AGDISTES.

Agdistes, Hb.

1. AGDISTES FRANKENIÆ.

Frankeniæ, Zl.

2. AGDISTES MERIDIONALIS.

meridionalis, Zl.

3. AGDISTES HEYDENII.

Heydenii, Zl.

4. AGDISTES MANICATA.

manicata, Std.

5. AGDISTES ADACTYLA.

adactyla, Hb.—Huebneri, Zl.

6. AGDISTES PARALIA.

paralia, Zl.

7. AGDISTES TAMARICIS.

tamaricis, Zl.

8. AGDISTES BENNETII.

Bennetii, Ct.

a, b. England. Presented by F. Bond, Esq.

c, d. England. From Mr. Stevens' collection.

e—m. England. From Mr. Bouchard's collection.

n. (Pupa). England. Presented by F. Bond, Esq.

Africa.

9. AGDISTES PUSTULALIS.

Mas et fœm. *Cinereo-cervina, gracilis; alæ anticæ guttis paucis nigricantibus.*

Male and female. Cinereous fawn-colour, slender. Fore wings acute, with three blackish dots in the disk; first dot at one-fourth of the length, nearer to the costa than to the interior border; second at a little before the middle; third at two-thirds of the length; second and third nearer to the interior border than to the costa. Length of the body 5—6 lines; of the wings 12—14 lines.

a—c. Cape. From M. Dregé's collection.

d—f. South Africa. Presented by Sir A. Smith.

Genus 2. PLATYPTILUS.

Platyptilus, Zl.—*Cnæmidophorus*, Wlgn.

1. PLATYPTILUS RHODODACTYLUS.

rhododactylus, W. V.

a, b. England. From Mr. Stephens' collection.

c—e. England.

f, g. Europe. From M. Becker's collection.

h. ———?

2. PLATYPTILUS CAPNODACTYLUS.

capnodactylus, Zl.

3. PLATYPTILUS OCHRODACTYLUS.

ochrodactylus, Hb.—*pallidactyla*, Hw.

a—h. England. From Mr. Stephens' collection.

i. England. From Mr. Bouchard's collection.

j—m. England. From Mr. King's collection.

n—p. England.

4. PLATYPTILUS MONODACTYLUS.

monodactylus, Hw.—*isodactylus*, Zl.

a, b. Ireland. From Mr. Bouchard's collection.

5. PLATYPTILUS GONODACTYLUS.

gonodactylus, W. V.—*megadactyla*, Hb.—*Zetterstedtii*, var., Zl.—*tesseradactylus*, Tr.—*trigonodactyla*, Sta.

- a—f.* England. From Mr. Stephens' collection.
g—i. England. From Mr. Chant's collection.
j, k. England. From Mr. King's collection.
l, m. England.
n. Germany. From M. Heminghoffen's collection.

6. PLATYPTILUS ZETTERSTEDTII.

hetradactyla? *Hb.*—*tesseradactyla*, *Ztt.*—*Zetterstedtii*, *Zl.*

7. PLATYPTILUS NEMORALIS.

nemoralis, *Zl.*—*Zetterstedtii*, *var.*, *H.-S.*

8. PLATYPTILUS BOLLII.

Bollii, *Fy.*

9. PLATYPTILUS FISCHERI.

Fischeri, *Zl.*

10. PLATYPTILUS METZNERI.

Metzneri, *Zl.*

11. PLATYPTILUS ACANTHODACTYLUS.

acanthodactylus, *Hb.*—*calodactyla*, *St.*

a. Germany. From M. Heminghoffen's collection.

12. PLATYPTILUS COSMODACTYLUS.

cosmodactylus, *Hb.*—*acanthodactylus*, *var.*, *Zl.*

a. Germany. From M. Heminghoffen's collection.

Asia.

13. PLATYPTILUS ARGYRIODACTYLUS.

Mas. *Cupreo-ferrugineus*; *palpi articulo 3o longo lineari*; *abdomen fasciculis lateralibus nigris maculisque tribus dorsalibus albidis*; *pedes argenteo cincti, tibiis posticis nigro bifasciculatis*; *alæ anticæ strigulis transversis cinereis, maculis tribus fasciaque marginali nigricantibus, fimbria alba nigro guttata.*

Male. Dark ferruginous, with a cupreous tinge. Palpi smooth; third joint long, linear. Abdomen with small black tufts along each side, and with three dorsal triangular spots. Legs silvery cinereous; tarsi and anterior tibiæ with silvery rings; hind tibiæ with a tuft of black hairs at the base of each pair of spurs, which are very long. Fore wings with minute transverse cinereous streaks, with three blackish spots, and with a blackish marginal band; first spot on the interior border at one-fourth of the length; second on the costa before the middle; third on the costa beyond two-thirds of the length; submarginal line whitish, oblique; two black squamous tufts on the interior border; fringe whitish, with subquadrate black dots. Fore plume of the hind wings widening from the base to the tip; middle plume narrower towards the tip; hind plume very narrow, with a black squamous tuft on the hind border near its tip. Length of the body 6 lines; of the wings 12 lines.

a—c. Ceylon. Presented by Dr. Templeton.

Australia.

14. PLATYPTILUS EMISSALIS.

Mas. *Cinereo-fuscescens; alæ anticæ lituris tribus discalibus fuscescentibus, macula trigona costali nigricante, gutta costali exteriori albida, strigis duabus submarginalibus nigricantibus, linea transversa submarginali albida.* Var. β .—*Alæ anticæ cervinæ, lituris minus determinatis.*

Male. Brownish, tinged with cinereous. Legs whitish cinereous. Wings rather broad. Fore wings with three small brownish marks in the disk before the middle; first mark near the costa; second and third near the interior border; third behind the first; a triangular blackish costal spot prolonged across the base of the cleft; a whitish dot on the costa adjoining the outer side of the spot; two blackish exterior streaks; first streak costal; second subcostal, much shorter than the first; a whitish transverse submarginal line intersecting the first streak, and contiguous to the outer end of the second one; marginal line black; fringe whitish. Var. β .—Fawn-colour. Fore wings with the second blackish streak obsolete. Length of the body 5—6 lines; of the wings 10—12 lines.

a, b. Sydney. From Mr. Lambert's collection.

15. PLATYPTILUS FALCATALIS.

Mas. *Ferrugineus* ; *pedes albid*i, *tibiis tarsisque ferrugineis albido fasciatis* ; *alæ anticæ falcatæ, cinereo conspersæ, macula costali nigra trigona post media, macula costali exterior*e pallide *cervina, strigis duabus exterioribus nigris, linea submarginali albida transversa unidentata, lituris apud marginem interiorem tribus nigris.*

Male. Ferruginous. Tibiæ and tarsi ferruginous, with two whitish bands on each. Fore wings falcate, speckled with cinereous ; a triangular black costal spot beyond two-thirds of the length, attenuated towards the disk ; a pale fawn-coloured costal spot adjoining the outer side of the black spot, including a black longitudinal streak, another black streak behind the first, partly bordered by an acute angle, which is formed by the submarginal transverse whitish line ; three elongated irregular blackish marks along the interior border. Length of the body 6—7 lines ; of the wings 12—14 lines.

a—d. Auckland, New Zealand. From Mr. Oxley's collection.

16. PLATYPTILUS REPLETALIS.¹

Fœm. *Ferruginea* ; *pedes albido fasciati* ; *alæ anticæ latiusculæ, punctis costalibus strigisque obliquis posterioribus plurimis cinereis, lituris duabus costalibus fuscis, plaga costali exterior*e *cervina, linea submarginali transversa angulosa intus nigro ex parte marginata, spatio marginali obscure cinereo, linea marginali nigra undulata ; posticæ æneo-cinereæ.*

Female. Ferruginous, slender. Palpi porrect, lanceolate. Tibiæ and tarsi with whitish bands. Wings rather broad. Fore wings acute, with many cinereous costal points, which are oblique outward towards the disk, and are more numerous than the cinereous streaks, which are oblique inward from the middle of the breadth to the interior border ; two brown costal marks ; first mark at one-third of the length ; second at two-thirds of the length, larger than the first ; a pale fawn-coloured costal patch between the second streak and a cinereous transverse zigzag submarginal line, which is partly bordered on the inner side by deep black ; space between the submarginal line and the undulating black marginal line dark cinereous ; fringe pale. *Var. β.*—Fore wings mostly whitish cinereous ; markings less distinct. Length of the body 6 lines ; of the wings 12 lines.

a—e. New Zealand. Presented by Col. Bolton.
f, g. New Zealand. Presented by Dr. Sinclair.

Genus 3. OXYPTILUS.

Oxyptilus, Zl.

1. OXYPTILUS KOLLARI.

Kollari, Sta.

2. OXYPTILUS TRISTIS.

tristis, Zl.

a. Germany. From M. Heminghoffen's collection.

3. OXYPTILUS DISTANS.

distans, Zl.

4. OXYPTILUS LÆTUS.

lætus, Zl.

5. OXYPTILUS PILOSELLUS.

pilosellus, Zl.—*didactyla*, Ztt.

a—h. England. From Mr. Stephens' collection.

i. England. From Mr. Bouchard's collection.

j—l. England. From Mr. King's collection.

m. England. From Mr. Chant's collection.

n. England.

o. Germany. From M. Heminghoffen's collection.

p, q. Italy. From Dr. Leach's collection.

z. ———?

6. OXYPTILUS HIERACII.

hieracii, Zl.

a, b. Germany. From M. Heminghoffen's collection.

7. OXYPTILUS ERICETORUM.

ericetorum, Zl.

8. OXYPTILUS DIDACTYLUS.

didactylus, L.—*trichodactyla*, Hb.—*brunneodactyla*, Mlre.

9. OXYPTILUS PARVIDACTYLUS.

parvidactylus, Hw.—*microdactylus*, St.—*obscurus*, Zl.

- a—q.* England. From Mr. Stephens' collection.
r—u. England. From Mr. Bouchard's collection.
w. England. Presented by E. Shepherd, Esq.
x. England.
y, z. Europe. From M. Becker's collection.

10. OXYPTILUS MARGINELLUS.

marginellus, Zl.

11. OXYPTILUS MILLIERIDACTYLUS.

Millieridactyla, Brd., *Mlre.*—*Millieri*, Std.

12. OXYPTILUS ALBODACTYLUS.

albodactyla, *Mlre.*

West Indies.

13. OXYPTILUS PUSILLIDACTYLUS.

Fœm. *Cinereo-fuscus*; *tarsi argenteo fasciati*; *alæ anticæ strigulis submarginalibus*, *costa margineque exteriori nigris*, *punctis duobus costalibus lineaque obliqua submarginali albis*, *fimbria basi alba*.

Allied to *O. parvidactylus*. *Female*.—Cinereous-brown. Tarsi with silvery bands. Fore wings streaked with black towards the exterior border; costa and exterior border black; two white points on the exterior part of the costa, the second near a white oblique submarginal line; fringe cinereous, white at the base. Length of the body 4 lines; of the wings 8 lines.

a. Jamaica. From Mr. Gosse's collection.

South America.

14. OXYPTILUS NANELLUS.

Fœm. *Albus*; *alæ perangustæ*, *late fimbriatæ*, *litturis nullis*.

Allied to *O. microdactylus*. *Female*.—White, slender. Wings very narrow, deeply fringed. Fore wings without any markings. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

Africa.

15. OXYPTILUS WAHLBERGI.

Wahlbergi, Zl.

Caffraria.

16. OXYPTILUS CAFFER.

Caffer, Zl.

Caffraria.

17. OXYPTILUS DIREPTALIS.

Cinereo-fuscus; alæ anticæ striga maculaque costalibus fascia submarginali nigricantibus, linea submarginali alba. Var.?—Pallide ochraceo-cervinus.

O. Wahlbergi, var. ?.

Allied to *O. pilosellæ*. Cinereous-brown. Fore wings with a blackish costal streak before the middle, with a blackish costal spot at three-fourths of the length, and with a blackish submarginal band, the latter bounded on the outer side by a white line, which is parallel to the exterior border; a whitish mark between the costal spot and the band. Length of the body 5 lines; of the wings 12 lines.

a. Cape. From M. Dregé's collection.

Var. ?—Pale ochraceous fawn-colour. This may be a distinct species.

b. Congo. Presented by Sir J. Richardson.

Asia.

18. OXYPTILUS ANISODACTYLUS.

Mas et fœm. *Pallide ochraceus; tibiæ posticæ nigricante bifasciata; alæ anticæ fasciis duabus indistinctis obscurioribus, gutta subcostali, gutta exteriori costali lineaque submarginali albidis; posticæ penicillo postico nigro fasciato.*

Male and female. Dull pale ochraceous. Hind tibiæ blackish about the base of the spurs. Fore wings with two indistinct darker bands, with a whitish subcostal dot at one-third of the length, and with a larger and more distinct whitish costal dot at two-thirds of the length; a whitish oblique submarginal line. Hind plume of

the hind wings fringed with black for one fourth of the length near the tip. Length of the body 5 lines; of the wings 10 lines.

a, b. Ceylon. From M. Nietner's collection.

Australasia.

19. OXYPTILUS IDONEALIS.

Fœm. *Rufescens; alæ anticæ fasciis tribus fuscescentibus nigro subpilosus, 3a marginali, punctis duobus apicem versus costalibus albis.*

Allied to *O. parvidactylus*. Reddish. Fore wings with three brownish bands, on which there are some black hairs; third band extending to the exterior border, with a white shining costal point on its inner border and another near the tip of the wing. Length of the body 6 lines; of the wings 12 lines.

The specimen here described is injured, and its characters are thereby incomplete.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

20. OXYPTILUS CINCTIPEDALIS.

Fœm. *Ferrugineus, sat robustus; pedes posteriores argenteo annulati; alæ anticæ latiusculæ, lituris duabus costalibus fuscis, 1a ante media, 2a trigona cinereo marginata, lineis duabus exterioribus transversis cinereis; posticæ nigro-cinereæ, fasciculo apicali penicilli 3i nigro.*

Female. Ferruginous, rather stout. Femora whitish; posterior tibiæ with four silvery rings; joints of the tarsi with silvery tips. Wings rather broad. Fore wings with two elongated brown costal marks; first mark before the middle; second triangular, beyond the middle, much larger than the first, bordered on the outer side with silvery cinereous, of which hue there are two exterior transverse lines, the second submarginal. Hind wings blackish cinereous; third plume short, with a small black squamous tuft at its tip. Length of the body 3 lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus 4. PTEROPHORUS.

Pterophorus, *Gff.* — Mimæseoptilus, *Wlgn.* — Oidæmatophorus, *Wlgn.* — Leioptilus, *Wlgn.*

1. PTEROPHORUS EHRENBORGIANUS.

Ehrenbergianus, *Zl.*

Syria.

2. PTEROPHORUS PHÆODACTYLUS.

phæodactylus, *Hb.*

a—e. England. From Mr. Stephens' collection.

f, g. England. From Mr. Chant's collection.

h. England. From Mr. Turner's collection.

i—k. England. From Mr. Bouchard's collection.

l. (Pupa). England. From Mr. Bouchard's collection.

m. England.

3. PTEROPHORUS AGRORUM.

agrorum, *H.-S.* — oxydactylus, *Std.*

4. PTEROPHORUS MIANTODACTYLUS.

miantodactylus, *Zl.*

5. PTEROPHORUS PELIDNODACTYLUS.

pelidnodactylus, *Stein* — microdactylus, *Zl.*

6. PTEROPHORUS BIPUNCTIDACTYLUS.

bipunctidactyla, *Hw.* — mictodactylus, *var., Zl. olim.* — serotinus, *Zl.*

a—d. England. From Mr. Stephens' collection.

e—h. England.

i, j. England. From Mr. King's collection.

k—n. Europe. From M. Becker's collection.

o. Germany. From M. Heminghoffen's collection.

p. — ?

7. PTEROPHORUS LOEWII.

Loewii, *Zl.*—Zophodactylus, *Dp.*

a—e. England. Presented by S. Carter, Esq.

8. PTEROPHORUS ISLANDICUS.

islandicus, *Std.*

9. PTEROPHORUS ARIDUS.

aridus, *Zl.*

10. PTEROPHORUS COPRODACTYLUS.

coprodactylus, *Zl.*

11. PTEROPHORUS PLAGIODACTYLUS.

plagiodyctylus, *F.-R., Sta.*

a—d. England. From Mr. Bouchard's collection.

e, f. England. Presented by S. Carter, Esq.

g. Ireland. From Mr. Bouchard's collection.

h. Italy. From Dr. Leach's collection.

12. PTEROPHORUS GRAPHODACTYLUS.

graphodactylus, *Tr.*

13. PTEROPHORUS FUSCUS.

fuscus, *Retz.*—fuscodactylus, *Hw.*—ptilodactyla, *Hb.*

a—d. England. From Mr. Stephens' collection.

e, f. England. From Mr. King's collection.

g, h. England. From Mr. Bouchard's collection.

i—n. England.

o, p. Europe. From M. Becker's collection.

q, r. Germany. From M. Heminghoffen's collection.

14. PTEROPHORUS STIGMATODACTYLUS.

stigmatodactylus, *Zl.*

15. PTEROPHORUS MANNII.

Mannii, *Zl.*

16. PTEROPHORUS GIGANTEUS.

giganteus, *Mn.*

17. PTEROPHORUS LITHODACTYLUS.

lithodactyla, *Tr.*—septodactyla, *Tr.*—lithoxylodactylus, *Dp.*—similidactylus, *St.*

a. England. From Mr. Stephens' collection.

b—d. England. From Mr. Bouchard's collection.

e. England. From Mr. King's collection.

18. PTEROPHORUS PTERODACTYLUS.

pterodactylus, *L.*

a—g. England. From Mr. Stephens' collection.

h—o. England.

p, q. Europe. From M. Becker's collection.

r, s. Germany. From M. Heminghoffen's collection.

t—u. Italy. From Dr. Leach's collection.

19. PTEROPHORUS PALUDICOLA.

paludicola, *Wlgn.*

20. PTEROPHORUS SCARODACTYLUS.

scarodactylus, *Hb.*—Icarodactyla, *Tr.*

a. Germany. From M. Heminghoffen's collection.

21. PTEROPHORUS LIENIGANUS.

Lieniganus, *Zl.*—melinodactylus, *H.-S.*

22. PTEROPHORUS TEPHRADACTYLUS.

tephradactylus, *Hb.*

a—c. England. From Mr. Stephens' collection.

d. Ireland. From Mr. Bouchard's collection.

e. England.

f, g. Europe. From M. Becker's collection.

23. PTEROPHORUS DISTINCTUS.

distinctus, *H.-S.*

24. PTEROPHORUS INULÆ.

inulæ, *Zl.*

25. PTEROPHORUS MICRODACTYLUS.

microdactylus, *Hb.*

a—l. England. From Mr. Stephens' collection.

m—o. England. From Mr. Bouchard's collection.

p—r. England.

s, t. Germany. From M. Heminghoffen's collection.

26. PTEROPHORUS CARPHODACTYLUS.

carphodactylus, *Hb.*

a. Germany. From M. Heminghoffen's collection.

27. PTEROPHORUS CONIODACTYLUS.

coniodactylus, *Std.*

28. PTEROPHORUS PECTODACTYLUS.

pectodactylus, *Std.*

29. PTEROPHORUS OSTEODACTYLUS.

osteodactylus, *Zl.*—microdactyla, *Ztl.*

a—d. England. From Mr. Stephens' collection.

30. PTEROPHORUS BRACHYDACTYLUS.

brachydactylus, *Tr.*—aëtodactylus, *Dp.*

31. PTEROPHORUS MERISTODACTYLUS.

meristodactylus, *Mn.*—tetradactylus, *var., H.-S.*

North America.

32. PTEROPHORUS PERISCELIDACTYLUS.

periscelidactylus, *Fitch.*

New York.

33. PTEROPHORUS LOBIDACTYLUS.

lobidactylus, *Fitch.*

New York.

34. PTEROPHORUS TENUIDACTYLUS.

tenuidactylus, *Fitch.*

New York.

35. PTEROPHORUS CINERIDACTYLUS.

cineridactylus, *Fitch.*

New York.

36. PTEROPHORUS MARGINIDACTYLUS.

marginidactylus, *Fitch.*

New York.

37. PTEROPHORUS NEBULÆDACTYLUS.

nebulædactylus, *Fitch.*

New York.

38. PTEROPHORUS NÆVOSIDACTYLUS.

nævosidactylus, *Fitch.*

New York.

39. PTEROPHORUS CRETIDACTYLUS.

cretidactylus, *Fitch.*

New York.

40. PTEROPHORUS PETRODACTYLUS.

Mas. *Pallidissime fuscus; alæ anticæ fascia post media obliqua latissima, albida strigas duas nigras includente, striga 2a costam versus fusca.*

Nearly allied to *P. lithodactylus*. *Male*.—Very pale brown. Fore wings with a very broad oblique whitish band, which commences at a little beyond the middle, and includes two black streaks; first streak oblique, subapical, brown towards the costa, which it joins; second streak, short, slender, near and parallel to the terminal part of the interior border. Length of the body 6 lines; of the wings 16 lines.

a. Arctic America. Presented by Sir J. Richardson.

41. PTEROPHORUS HOMODACTYLUS.

Mas. *Albidus, gracillimus; antennæ subpubescentes; abdomen longissimum; alæ anticæ perangustæ, lanceolatæ, lituris nullis.*

Allied to *P. osteodactylus*. *Male*.—Whitish, very slender. Antennæ very minutely pubescent. Abdomen very long. Legs very slender. Wings very narrow. Fore wings lanceolate, without any markings. Length of the body 7 lines; of the wings 14 lines.

a. United States. Presented by E. Doubleday, Esq.

West Indies.

42. PTEROPHORUS AGRAPHODACTYLUS.

Fœm. *Pallide testaceus; pedes albi; alæ anticæ albidæ, lineis quinque longitudinalibus pallide testaceis.*

Allied to *P. osteodactylus*. *Female*.—Pale testaceous, slender. Antennæ and legs white. Fore wings whitish; two pale testaceous longitudinal lines extending from the base of the wing; one subcostal, the other near the interior border; three other pale testaceous lines commencing in the disk at a little before half the length, one in front, the other two behind the cleft of the wing. Length of the body 7 lines; of the wings 14 lines.

a. St. Domingo. From Mr. Tweedie's collection.

43. PTEROPHORUS ASPILODACTYLUS.

Mas. *Albidus; alæ anticæ basi pallide testaceæ, lituris nullis.*

Allied to *P. osteodactylus*. *Male*.—Whitish, slender. Fore wings without markings, pale testaceous at the base. Length of the body 8 lines; of the wings 14 lines.

This may be a variety or a faded example of *P. agraphodactylus*.

a. Jamaica. From Mr. Gosse's collection.

South America.

44. PTEROPHORUS PUSILLUS.

pusillus, *Phlp.*

Santiago.

45. PTEROPHORUS CINERARIUS.

cinerarius, *Phlp.*

Santiago.

46. PTEROPHORUS UMBRIGERALIS.

Nigro-cinereus; *palpi dense pilosi*; *abdomen cinereum*; *tibiæ intermediæ fasciculis duobus nigris*; *alæ anticæ lineis nonnullis obliquis cinereis, fasciis duabus obliquis nigricantibus*; *posticæ cupreo-fuscæ*.

Blackish cinereous. Palpi densely pilose, as long as the breadth of the head. Abdomen cinereous. Legs whitish; anterior femora blackish; middle tibiæ with two black tufts, one before the middle, the other apical; hind tibiæ and tarsi blackish above. Fore wings with several oblique cinereous lines, which are inclined hindward towards the base; two blackish oblique bands, one before the middle, the other beyond the middle. Hind wings cupreous-cinereous. Length of the body 7 lines; of the wings 14 lines.

a. Bogota. From Mr. Stevens' collection.

47. PTEROPHORUS IMPERSONALIS.

Fœm. *Albidus, gracillimus, testaceo vix suffusus*; *alæ anticæ falcatae perangustæ, peracutæ*.

Female. Whitish, very slender, with a slight testaceous tinge. Wings very narrow. Fore wings falcate, very acute, without any markings; the cleft about two-thirds of the length of the wing. Length of the body 6 lines; of the wings 14 lines.

a. Venezuela. From Mr. Dyson's collection.

South Africa.

48. PTEROPHORUS LONGALIS.

Fœm. *Pallidissime cervinus; abdomen longissimum; alæ anticæ angustæ, lanceolatæ, acutæ.*

Allied to *P. pterodactylus*. *Female*.—Very pale fawn-colour, slender. Abdomen very long. Wings narrow, lanceolate, acute. Fore wings without any markings. Length of the body 9 lines; of the wings 16 lines.

a. Cape. From M. Dregé's collection.

49. PTEROPHORUS DEFECTALIS.

Mas et fœm. *Pallidissime cervinus aut albido-ochraceus; pedes albi; alæ anticæ lituris duabus costalibus elongatis albidis; posticæ cinereæ.*

Male and female. Very pale fawn-colour or whitish ochraceous. Legs white. Fore wings with two elongated whitish costal marks, one at two-thirds of the length, the other near the tip. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a, b. Sierra Leone. Presented by the Rev. D. F. Morgan.

c—e. Congo. Presented by Sir J. Richardson.

50. PTEROPHORUS RUTILALIS.

Mas. *Aurato-ochraceus, subtus argenteo-albidus; alæ anticæ punctis duobus subcostalibus nigricantibus.*

Male. Gilded ochraceous; under side and legs silvery whitish. Fore wings with two blackish subcostal points, one at one-third of the length, the other at a little before the middle. Length of the body 5 lines; of the wings 10 lines.

a. Port Natal. From Mr. Plant's collection.

Asia.

51. PTEROPHORUS CONGRUALIS.

Mas et fœm. *Pallide ochraceo-cervinus*. Var. ?—*Cinereus, cervino subtinctus*.

Male and female. Pale ochraceous fawn-colour. *Var. P*—Cinereous, with a slight tinge of fawn-colour. Length of the body 3—4 lines; of the wings 8—10 lines.

a. South Hindostan. Presented by M. J. Walhouse, Esq.

b, c. China. Presented by G. T. Laye, Esq.

d. Shanghai. From the Entomological Society's collection.

52. PTEROPHORUS OXYDACTYLUS.

Mas et fœm. *Pallide ochraceo-cervinus; tibiæ posticæ nigro bicinctæ; alæ anticæ peracutæ, puncto costali nigricante, costa nonnunquam ex parte subfuscescente; posticæ cinereæ.*

Male and female. Pale ochraceous fawn-colour. Hind tibiæ with a black ring at the base of each pair of spurs. Fore wings narrow, very acute, with a blackish costal point at a little before the middle; costa sometimes slightly and interruptedly brownish tinged. Hind wings cinereous. Length of the body 5—6 lines; of the wings 10—12 lines.

a—h. Ceylon. From M. Nietner's collection.

Australia.

53. PTEROPHORUS TINCTIDACTYLUS.

tinctidactylus, Nwm.

Australia.

54. PTEROPHORUS CANALIS.

Mas et fœm. *Canus; alæ anticæ nigro conspersæ vix strigatæ, costa exterior nigricante, strigula nigra subcostali ante media.*

Var. β.—*Alæ anticæ vix conspersæ.*

Male and female. Hoary, slender. Legs white. Fore wings longitudinally and very minutely black-speckled, blackish along the exterior part of the costa; a minute black subcostal streak at one-third of the length. *Var. β.*—Fore wings hardly speckled; a slight blackish mark at the base of the cleft. Length of the body 5 lines; of the wings 12 lines.

a. Sydney. From Mr. Lambert's collection.

b. Australia. From Mr. Damel's collection.

55. PTEROPHORUS DIFFUSALIS.

Mas. *Pallide ochraceus; caput et abdomen albida; alæ anticæ fascia post media lineaque transversa submarginali albis, fimbria pilis paucis nigris; posticæ penicilli postici apice pilis nigris squamosis ornatae.*

Male. Pale ochraceous. Head, abdomen and legs mostly whitish. Fore wings with a white band at a little beyond two-thirds of the length, and with a white transverse submarginal line; a few black hairs on the fringe of each cleft. Hind wings with several black squamous hairs near the tip of the third or hindmost plume, which is very slender. Length of the body 5 lines; of the wings 12 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

56. PTEROPHORUS OBLITERALIS.

Mas. *Albus, sat robustus; abdomen pallide testaceum, segmentis albo marginatis; alæ lineis quatuor transversis indistinctis pallide testaceis, 3a submarginali, 4a marginali.*

Male. White, rather stout. Abdomen pale testaceous; hind borders of the segments white. Wings with four indistinct transverse pale testaceous lines; first line before the middle; second beyond the middle; third submarginal; fourth marginal. Length of the body 5 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

New Zealand.

57. PTEROPHORUS INNOTATALIS.

Mas. *Pallide ochraceus; pedes argenteo-albidi; alæ tenuissimæ; posticæ cinereo-æneæ.*

Male. Pale ochraceous, slender. Legs silvery whitish, without any markings. Plumes of the wings extremely narrow. Fore wings unvaried, very acute. Hind wings cinereous-æneous, divided at the base into two plumes. Length of the body 4 lines; of the wings 10 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

58. PTEROPHORUS DEPRIVATALIS.

Mas et fœm. *Pallidissime ochraceus ; pedes albidī, ochraceo fasciati ; alæ anticæ gutta costali cervina elongata post media ; posticæ cervinæ.*

Male and female. Very pale ochraceous. Legs whitish ; femora pale ochraceous towards the tips ; tibiæ with three ochraceous bands ; tarsi with two ochraceous bands. Fore wings acute, with an elongated fawn-coloured costal dot at three-fourths of the length. Hind wings fawn-colour. Length of the body 5 lines ; of the wings 12 lines.

a, b. New Zealand. Presented by Col. Bolton.

Genus 5. ACIPTILUS.

Aciptilus, Zl.

1. ACIPTILUS SEMIODACTYLUS.

semiodactylus, Mn.

2. ACIPTILUS GALACTODACTYLUS.

galactodactylus, Hb.

a—h. England. From Mr. Stephens' collection.

i, j. England. Presented by E. Shepherd, Esq.

k, l. England. From Mr. Bouchard's collection.

m—o. England.

p, q. Europe. From M. Becker's collection.

3. ACIPTILUS SPILODACTYLUS.

spilodactylus, Ct.—obsoletus, Zl.

a—d. England. From Mr. Rogers' collection.

e—g. England. From Mr. Stevens' collection.

h—j. England. From Mr. Turner's collection.

k. (Pupa). England. From Mr. Stevens' collection

4. ACIPTILUS CONFUSUS.

confusus, H.-S.—xerodactylus, H.-S.

5. ACIPTILUS XANTHODACTYLUS.

xanthodactylus, *Tr.*—galactodactylus, *Dp.*

a, b. Germany. From M. Heminghoffen's collection.

6. ACIPTILUS XERODACTYLUS.

xerodactylus, *Zl.*

7. ACIPTILUS ICTERODACTYLUS.

icterodactylus, *Mn.*

8. ACIPTILUS BALIODACTYLUS.

baliodactylus, *Zl.*

a, b. England. From Mr. Stephens' collection.

c. England. From Mr. Bouchard's collection.

g, h. England.

9. ACIPTILUS TETRADACTYLUS.

tetradactyla, *L.*—leucodactyla, *L.*

a—g. England. From Mr. Stephens' collection.

h. England. From Mr. Chant's collection.

i, j. England. From Mr. Bouchard's collection.

k, l. England.

m, n. Germany. From M. Heminghoffen's collection.

10. ACIPTILUS MALACODACTYLUS.

malacodactylus, *Zl.*

11. ACIPTILUS CHORDODACTYLUS.

chordodactylus, *Std.*

12. ACIPTILUS ISCHNODACTYLUS.

ischnodactylus, *Tr.*

13. ACIPTILUS OLBIADACTYLUS.

olbiadactylus, *Mlre.*

14. ACIPTILUS PENTADACTYLUS.

pentadactyla, *L.*—tridactyla, *Sc.*

a—h. England. From Mr. Stephens' collection.

i—k. England. From Mr. Chant's collection.

l, m. England.

n, o. Europe. From M. Becker's collection.

p, q. ——— ?

15. ACIPTILUS NEPHELODACTYLUS.

nephelodactylus, *Ev.*

16. ACIPTILUS PALUDUM.

paludum, *Zl.*

a. England. From Mr. Stephens' collection.

17. ACIPTILUS SICELIOTA.

siceliota, *Zl.*—ononidis, *Zl.*

18. ACIPTILUS BAPTODACTYLUS.

baptodactylus, *Zl.*

19. ACIPTILUS VOLGENSIS.

volgensis, *Mschlr.*

Africa.

20. ACIPTILUS ALBIDUS.

albidus, *Zl.*

a. Port Natal. From M. Gueinzus' collection.

21. ACIPTILUS CANDIDALIS.

Fœm. *Argenteo-albus, gracillimus; alæ lituris nullis.*

Allied to *A. pentadactylus*. *Female* — Pure silvery white, very slender. Wings without any markings. Length of the body 4 lines; of the wings 10 lines.

The much smaller size of this species sufficiently distinguishes it from *A. albidus*.

a. Sierra Leone. From Mr. Foxcroft's collection.

Asia.

22. ACIPTILUS LACTEIPENNIS.

Fœm. *Argenteo-albus; alæ anticæ punctis tribus costalibus, uno subcostali unoque postico nigris.*

Allied to *A. galactodactylus*. *Female*.—Pure silvery white. Fore wings with three black costal points, one before the middle, the second beyond the middle, the third at three-fourths of the length; a subcostal black point near the tip; hind plume with a black point near the tip. Length of the body 7 lines; of the wings 16 lines.

a. Hindostan. From Archdeacon Clerk's collection.

23. ACIPTILUS LEUCADACTYLUS.

Mas et fœm. *Argenteo-albus; alæ lituris nullis.*

Allied to *A. pentadactylus*. *Male and female*.—Silvery white. Fore wings without any markings. Length of the body 4—6 lines; of the wings 10—14 lines.

a, b. Ceylon. Presented by Dr. Templeton.

c. Ceylon. From M. Nietner's collection.

Australasia.

24. ACIPTILUS SIMILALIS.

Mas. *Albus, gracillimus; tibiæ posticæ subfimbriatæ, calcaribus longissimis; alæ anticæ punctis duobus costalibus nigris, maculis duobus discalibus fuscis.*

Allied to *A. galactodactylus*. *Male*.—White, very slender. Abdomen long. Hind tibiæ with a very short fringe; spurs very long. Fore wings with two black points on the costa, and with two brown spots on the disk; first point at a little beyond the middle; second at three fourths of the length; first spot at the base of the cleft; second behind the second point. Length of the body 8 lines; of the wings 14 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

25. ACIPTILUS APTALIS.

Mas et fœm. *Flavo-albus; abdomen album; alæ anticæ litura discali fusca, punctis sex exterioribus submarginalibus nigris nonnunquam plus minusve obsoletis.*

Allied to *A. galactodactylus*. *Male and female*.—Yellowish white, rather stout. Antennæ, legs and hind wings pure white. Fore wings with a small brown mark in the disk at the base of the cleft, and with three black points on each of the forks; some of these points are occasionally obsolete. Length of the body 5—6 lines; of the wings 12—14 lines.

a—d. Sydney. From Mr. Lambert's collection.

e, f. Sydney. From Mr. Diggles' collection.

g. Australia. From Mr. Damel's collection.

New Zealand.

26. ACIPTILUS FURCATALIS.

Mas et fœm. *Albus, sat robustus; thorax aurato-cervinus, antice albus; alæ anticæ vitta furcata aurato-cervina. Var. β.—Alæ anticæ furca postica obsoleta.*

Male and female. Silvery white, rather stout. Thorax gilded fawn-colour, silvery white in front. Fore wings with a gilded fawn-coloured stripe, which is forked at the base of the cleft; first branch extending along the fore fork of the wing, connected with two black costal streaks; second branch extending along the hind fork. *Var. β.*—Fore wings with the hind branch of the stripe partly obsolete. *Var. γ.*—Fore wings with the hind branch of the stripe quite obsolete. Length of the body 5 lines; of the wings 12 lines.

a—d. New Zealand. Presented by Col. Bolton.

e, f. Auckland, New Zealand. From Mr. Oxley's collection.

27. ACIPTILUS MONOSPILALIS.

Mas et fœm. *Argenteo-albus; alæ anticæ puncto discali nigro, punctis duobus aut tribus exterioribus submarginalibus nigris nonnunquam vix conspicuis.*

Male and female. Silvery white. Fore wings with a black point at the base of the cleft, and with two or three subcostal black points on the fore branch of the wing; these points are sometimes very indistinct. Length of the body 6—7 lines; of the wings 14—16 lines.

a—f. New Zealand. Presented by Dr. Sinclair.

g—l. New Zealand. Presented by Col. Bolton.

Genus 6. DEUTEROCOPUS.

Deuterocopus, Zl.

1. DEUTEROCOPUS TENGSTROEMI,

Tengstroemi, Zl.

Java.

Genus 7. UTUCA.

Fœm. Corpus gracile. Proboscis brevis. Palpi læves, graciles, oblique ascendentes, capitis latitudine breviores; articulus 3us conicus, acutus, minimus. Antennæ glabræ, sat robustæ. Abdomen alas posticas longissime superans. Pedes longissimi, gracillimi, calcaria longa. Alæ anticæ subfissæ, acutæ, sat angustæ.

Female. Body slender. Proboscis short. Palpi smooth, slender, obliquely ascending, shorter than the breadth of the head; third joint conical, acute, very minute, less than one-fourth of the length of the second. Antennæ smooth, rather stout, a little more than half the length of the fore wings. Abdomen extending for almost its whole length beyond the hind wings. Legs very long and slender; spurs long. Wings rather narrow. Fore wings acute, with a short cleft on the exterior border. Hind wings forming two plumes, of which the hind one is very narrow.

This genus may be termed a transition from *Agdistes* to *Aciptilus*.

1. UTUCA OCHRACEALIS.

Fœm. *Cinerea, æneo vix tincta; thorax ochraceus; pedes albido-cinerei.*

Female. Cinereous, with a slight tinge of æneous. Thorax ochraceous. Legs whitish cinereous. Fore wings without any markings. Length of the body 6 lines; of the wings 14 lines.

a. Ega. From Mr. Bates' collection.

Genus 8. SOCHCHORA.

Fœm. Corpus gracile. Proboscis gracilis. Palpi glabri, graciles, ascendentes, capitis latitudine multo longiores; articulus 3us setiformis, 2o brevior. Antennæ graciles, breves. Thorax brevis. Abdomen longum, fusiforme. Pedes longi, glabri, graciles; calcaria longissima. Alæ anticæ falcatae, fissæ, margine exteriori subdentato; posticæ bifissæ.

Female. Body slender. Proboscis slender. Palpi smooth, slender, ascending, much longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ slender, less than half the length of the fore wings. Thorax short. Abdomen long, fusiform, extending for its whole length beyond the hind wings. Legs long, smooth, slender; spurs very long. Fore wings falcate, increasing in breadth from the base to the interior angle, with a fissure extending from three-fourths of the length to the middle of the exterior border, which is slightly dentate and moderately oblique. Hind wings with three irregular divisions, which have fringed borders; first fissure extending from beyond the middle of the disk to the exterior border; second extending from near the base to the interior border.

1. SOCHCHORA DONATELLA.

Fœm. *Aurato ferrugineo-rufa; alæ anticæ strigis pallidioribus, linea transversa abbreviata nigra ex parte cinereo marginata, linea exteriori transversa albida dentata, linea marginali nigra; posticæ nigricantes, basi rufescentes.* Var.—*Alæ anticæ obscure rufo-fusæ.*

Female. Gilded ferruginous-red, paler beneath. Fore wings with a few short paler streaks; an abbreviated transverse black partly cinereous-bordered line beyond the middle; a more exterior whitish dentate transverse line; marginal line black; fringe cinereous; costa mostly black. Hind wings blackish, reddish at the base. Var.—Fore wings dark reddish brown. Length of the body 4 lines; of the wings 8 lines.

a—d. Ega. From Mr. Bates' collection.

Fam. 2. ALUCITIDÆ.

Alucitidæ, Sta.

Genus 1. ALUCITA.

Alucita, *L.*

1. ALUCITA ZONODACTYLA.

zonodactyla, *Zl.*

2. ALUCITA DODECADACTYLA.

dodecadactyla, *Hb.*

3. ALUCITA PALODACTYLA.

palodactyla, *Zl.*

4. ALUCITA GRAMMODACTYLA.

grammodactyla, *Zl.*—hexadactyla? *Hb.*

5. ALUCITA PERITTODACTYLA.

perittodactyla, *Zl.*

6. ALUCITA DESMODACTYLA.

desmodactyla, *Zl.*

7. ALUCITA POLYDACTYLA.

polydactyla, *Hb.*—hexadactyla, *Dp.**a—h.* England. From Mr. Stephens collection.*i—l.* England.

8. ALUCITA HEXADACTYLA.

hexadactyla, *Hb.**a—c.* Europe. From M. Becker's collection.*d—f.* Germany. From M. Heminghoffen's collection.*g.* Villa Nova. From Mr. Bates' collection.*h—j.* Cape. From M. Dregé's collection.*k.* Sydney. From Mr. Lambert's collection.*l.* Australia. From Mr. Damel's collection.

9. ALUCITA CYMATODACTYLA.

cymatodactyla, *Zl.*

ADDENDA.

Page 2.

APHOMIA TERENELLA.

terenella, Zl.

United States.

Page 22.

Genus PONTALA.

Fœm. Corpus sat robustum. Proboscis conspicua. Palpi oblique ascendentes, verticem non attingentes; articulus 3us brevissimus. Antennæ glabræ. Abdomen alas posticas superans. Pedes breviusculi. Alæ anticæ acutæ, costa subconvexa apicem versus recta, margine exteriori antice bis incisio postice valde obliquo, margine interiori excavato.

Female. Body moderately stout. Proboscis distinct. Palpi obliquely ascending, not rising so high as the vertex; third joint less than one-sixth of the length of the second. Antennæ smooth. Abdomen extending rather beyond the hind wings. Legs rather short. Fore wings acute; costa slightly convex for half the length from the base, straight from thence to the tip; exterior border bent, with two notches in front, extremely oblique hindward; a large nearly circular excavation near the interior angle, which is very prominent.

1. PONTALA RUBRANA.

Fœm. Saturate rufa, subtus fusca; abdomen fuscum; alæ anticæ linea interiori indistincta subflexa lineaque exteriori recta obliqua nigris, annulo discali indistincto nigricante, lineola costali exteriori alba, margine exteriori postico purpurascente; posticæ fuscæ.

Female. Deep red, brown beneath. Abdomen brown. Fore wings with a straight black line, which extends from the tip to the interior angle; interior line black, indistinct, not oblique, slightly

bent in front; an indistinct irregular blackish discal ringlet; a white costal line extending from half the length to the tip; hind part of the exterior border tinged with purple. Hind wings brown. Length of the body 8 lines; of the wings 20 lines.

a. Para. From Mr. Bates' collection.

Page 23.

ANERASTIA OSTRINELLA.

ostrinella, *De la Harpe*.

Page 27.

HOMOEOSOMA BILITURALIS.

Mas. *Cinerea, robusta; caput et thorax ochraceo subincta; antennæ breviusculæ, sat graciles; abdominis fasciculus apicalis elongatus; alæ anticæ apice rotundatæ, roseo fuscoque variæ, linea transversa flexa post media vittisque duabus posticis, punctis marginalibus nigris, punctis duobus discalibus nigris approximatis elongatis.*

Male. Cinereous, stout. Head and thorax very slightly tinged with ochraceous. Antennæ smooth, rather short and slender. Abdomen extending much beyond the hind wings; apical tuft elongate. Wings elongate, moderately broad. Fore wings rounded at the tips, irregularly varied with rosy red and with brown, the first hue forming a much outward-bent transverse line beyond the middle, the latter hue forming two incomplete stripes near the interior border; two approximate transversely elongated black dots in the fore part of the disk beyond the middle; marginal points blackish, transversely elongated; fringe containing a rosy line near the base; exterior border convex, rather oblique. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Page 29.

ACROBASIS ? IMBELLA.

Fœm. *Pallide cervina; palpi subascendentes, vix arcuati; alæ anticæ subnebulosæ, sat angustæ, vix acutæ, punctis marginalibus fuscis; posticæ albæ, subhyalinæ, apices versus fuscescente subnebulosæ, punctis marginalibus fuscescentibus.*

Female. Pale fawn-colour. Palpi hardly curved, very slightly ascending, extending somewhat beyond the head; third joint elongate-conical, about one-third of the length of the second. Antennæ rather slender; basal joint stout. Abdomen extending a little beyond the hind wings. Fore wings hardly acute, rather narrow, partly clouded with slightly darker colour; marginal points brown. Hind wings white, slightly hyaline, slightly brownish-clouded towards the tips; marginal line brownish. Length of the body 7 lines; of the wings 16 lines.

a. Cape. From M. Dregé's collection.

Page 32.

Genus LANTHAPHE.

Lanthaphe, *Clms.*—Acrobasis? *Zl.*

1. LANTHAPHE PLATANELLA.

platanella, *Clms.*

United States.

2. LANTHAPHE ASPERATELLA.

asperatella, *Clms.*

United States.

Page 33.

NYCTEGRETIS RUMINELLA.

ruminella, *De la Harpe.*

Page 36.

MYELOIS INDIGINELLA.

indiginella, *Zl.*

United States.

MYELOIS EXULELLA.

exulella, *Zl.*

United States.

Page 50.

EPHESTIA? OSTRINELLA.

ostrinella, *Clms.*

United States.

EPHESTIA? ZEÆ.

Zeæ, *Fitch, Clms.*

United States.

ZOPHODIA LUTEOLA.

luteola, *De la Harpe.*

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NEPHOPTERYX UNDULATELLA.

undulatella, *Clms.*

Canada. United States.

NEPHOPTERYX ULMI-ARROSORELLA.

ulmi-arrosorella, *Clms.*

United States.

Page 67.

NEPHOPTERYX? PHYCISELLA.

Frœm. *Ferrugineo-cinerea; palpi porrecti, capitis latitudine non breviores, articulo 3o producto latiusculo obtuso; thorax nigricante fasciatus; alæ anticæ acutæ, ferrugineo conspersæ, fascia obliqua nigricante intus concisa extus diffusa; posticæ cinereæ.*

Female. Ferruginous-cinereous, more cinereous beneath. Palpi porrect, compressed, as long as the breadth of the head; third joint obtuse, nearly as broad as the second, and not more than one-third of its length. Thorax with a blackish band. Abdomen cinereous, extending beyond the hind wings. Fore wings acute, with ferruginous speckles, and with a blackish oblique interior band, which is concise on the inner side and diffuse exteriorly; costa straight; exterior border slightly convex and oblique. Hind wings cinereous. Length of the body 5 lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

Page 70.

NEPHOPTERYX NEGLECTALIS.

Fœm. *Schistacea; antennæ sat robustæ; alæ anticæ sat angustæ, vix acutæ, fuscescente conspersæ, basi fasciæque ante mediâ ferrugineis, lineâ exteriori cinerea undulata extus fuscescente marginata, punctis marginalibus nigris.*

Female. Slaty cinereous, paler beneath. Palpi obliquely ascending, squamous, a little longer than the breadth of the head; third joint lanceolate, a little shorter than the second. Antennæ rather stout. Fore wings brownish-speckled, rather narrow, hardly acute, ferruginous at the base, and with a ferruginous band before the middle; this band is bounded on the outer side by an undulating cinereous line, which is brownish-bordered on the outer side; marginal points black; exterior border slightly convex and oblique. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

NEPHOPTERYX INFRACTALIS.

Mas. *Pallide cervina; palpi apice nigricantes; antennæ subsetulosæ; abdomen alas posticas dimidio superans; alæ anticæ nigro subconsersæ, apice rotundatæ, apud marginem exteriori nigricantes, punctis duobus discalibus nigris; posticæ cinereæ, semihyalinæ.*

Male. Pale fawn-colour. Palpi obliquely ascending, not longer than the breadth of the head; third joint blackish, elongate-conical, shorter than the second. Antennæ extremely minutely setulose. Abdomen extending for half its length beyond the hind wings. Legs smooth. Wings moderately broad; fringe rather long. Fore wings rounded at the tips, with a few black speckles, wholly blackish towards the exterior border, except along the costa; two elongated black points in the middle of the disk; exterior border slightly convex, very oblique. Hind wings cinereous, semi-hyaline. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Page 73.

PEMPELIA? VIRGATELLA.

virgatella, *Clms.*

United States.

PEMPELIA? SUBCÆSIELLA.

subcæsiella, *Clms.*

United States.

PEMPELIA LIGNOSELLA.

lignosella, *Zl.*

United States.

PEMPELIA PETRELLA.

petrella, *Zl.*

United States.

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Genus TETRALOPHA.

Tetralopha, *Zl.*

1. TETRALOPHA MILITELLA.

militella, *Zl.*

United States.

2. TETRALOPHA ROBUSTELLA.

robustella, *Zl.*

United States.

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ADDYME ILLECTALIS.

Mas. *Pallide cinerea; corpus cervinum; palpi porrecti, capitis latitudine valde longiores, articulo 2o piloso, 3o lanceolato; antennæ subcrenulatæ, alæ anticæ angustæ vix acutæ vitta subcostali cervina.*

Male. Pale cinereous. Body fawn-colour. Palpi porrect, very much longer than the breadth of the head; second joint pilose; third lanceolate, very slender, not more than one-third of the length of the second. Antennæ minutely crenulate. Abdomen extending

much beyond the hind wings. Legs smooth, slender. Fore wings narrow, hardly acute, with a fawn-coloured subcostal stripe, which extends to the tip of the wing, and is obsolete towards the base. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

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LAMORIA? RUFIVENA.

Fœm. *Pallidissime ochracea, robusta; fasciculus apicalis porrectus; palpi pubescentes, subdecumbentes; oviductus exsertus; pedes validi; alæ anticæ latiusculæ, apice subrotundatæ, atomis nonnullis subcostalibus lineaque marginali interrupta nigris, venis rufis.*

Female. Very pale ochraceous. Body stout; frontal tuft porrect. Palpi pubescent, slightly decumbent, nearly as long as the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Antennæ slender. Abdomen pale, extending somewhat beyond the hind wings; oviduct exserted. Legs smooth, stout. Wings rather broad. Fore wings slightly rounded at the tips, with a few black speckles towards the costa, and with a slender interrupted black marginal line; veins red; exterior border slightly convex, hardly oblique. Hind wings paler. Length of the body 7 lines; of the wings 18 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

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For GYRTONA THORACIA *read* GYRTONA THORACICA.

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Genus PRIONAPTERYX.

Prionapteryx, *St.*

PRIONAPTERYX ACHATINA.

achatina, *Klr., Mn., Zl.*

North America.

PRIONAPTERYX INCERTELLA.

incertellus, *Zincken.*

Georgia.

Genus TIRATHABA.

Fœm. Corpus crassum, læve. Proboscis mediocris. Palpi læves, porrecti, capitis latitudine vix breviores; articulus 3us longiconicus, 2i triente non longior. Antennæ graciles, breves. Pedes læves, breviusculi, sat validi. Alæ anticæ latæ, elongatæ, apice rotundatæ, margine exteriori convexo.

Female. Body thick, smooth. Proboscis moderately long. Palpi smooth, porrect, nearly as long as the breadth of the head; third joint elongate-conical, about one-third of the length of the second. Antennæ smooth, slender, less than half the length of the fore wings. Legs smooth, rather short and stout; spurs long. Wings broad, elongate; fringe moderately long. Fore wings rounded at the tips; costa straight; exterior border convex, moderately oblique.

1. TIRATHABA MUNDELLA.

Fœm. *Pallide cinereo-rosea; corpus subtus argenteo-albidum; abdomen, alæ anticæ subtus alæque posticæ subaurato-flavescentia; alæ anticæ puncto discali nigricante, costa apicem versus margineque exteriori nigricante punctatis.*

Female. Pale cinereous-rosy. Body silvery whitish beneath. Abdomen, fore wings beneath and hind wings yellowish, slightly gilded. Fore wings with a blackish discal point at two-thirds of the length; apical part of the costa and exterior border with minute blackish points. Length of the body 5 lines; of the wings 14 lines. Sarawak, Borneo. In Mr. Saunders' collection.

Genus CADRA.

Mas et fœm. Corpus gracile. Proboscis mediocris. Palpi validi, verticem paullo superantes; articulus 2us squamosus; 3us lanceolatus, 2i dimidio non longior. Palpi maxillares conspicui. Antennæ glabræ, sat robustæ. Abdomen alas posticas superans. Pedes læves, sat graciles; calcaria longa. Alæ anticæ longæ, angustæ, apice rotundatæ, margine exteriori subrecto vix obliquo.

Male and female. Body slender. Proboscis moderately long and stout. Palpi stout, nearly erect, rising a little higher than the vertex; second joint squamous; third lanceolate, about half the length of the second. Maxillary palpi distinct. Antennæ smooth,

rather stout. Abdomen extending beyond the hind wings. Legs smooth, rather slender; hind tibiæ with four long spurs. Wings long, narrow. Fore wings rounded at the tips; exterior border nearly straight, hardly oblique.

1. CADRA DEFECTELLA.

Mas et fœm. *Cinerea*; *alæ anticæ subconspersæ, fasciis duabus pallide cervinis diffusis indistinctis.*

Male and female. Cinereous. Fore wings very minutely speckled; two indistinct and diffuse pale fawn-coloured bands. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a—e. Ceylon. Presented by Dr. Templeton.

Genus MASTHALA.

Mas. Corpus gracillimum. Proboscis breviuscula. Palpi porrecti, squamosi, capitis latitudine non breviores; articulus 3us lanceolatus, 2o non brevior. Antennæ glabræ, graciles, breviusculæ. Abdomen alas posticas longissime superans. Pedes graciles. Alæ anticæ perangustæ, apice rotundatæ, margine exteriori perobliquo.

Male. Body very slender. Proboscis rather short. Palpi porrect, squamous, as long as the breadth of the head; third joint lanceolate, as long as the second. Antennæ smooth, slender, little more than half the length of the fore wings. Abdomen extending very far beyond the hind wings. Legs slender, not long; spurs moderately long. Wings very narrow. Fore wings rounded at the tips; exterior border extremely oblique.

1. MASTHALA FAVILLALELLA.

Mas. *Cinerea, subtus albida*; *alæ anticæ nigricante conspersæ, fasciis duabus obliquis nigricantibus*; *posticæ albide.*

Male. Cinereous, whitish beneath. Fore wings thickly and minutely blackish speckled, with two blackish oblique irregular bands; the first at one-third of the length; the other at two-thirds of the length. Hind wings whitish. Length of the body 3 lines; of the wings 10 lines.

a. Australia? Presented by the Entomological Club.

Genus AROUVA.

Mas. Corpus robustum. Fasciculus frontalis planus, productus. Proboscis mediocris. Palpi lanceolati, squamosi, decumbentes, capitis latitudine paullo breviores; articulus 3us lanceolatus, 2o brevior. Antennæ subsetulosæ, subpubescentes. Abdomen alas posticas non superans; fasciculus apicalis parvus. Pedes læves, squamosi. Alæ anticæ latæ, acutæ.

Male. Body stout. Frontal tuft flat, prominent. Proboscis moderately long. Palpi lanceolate, squamous, decumbent, a little shorter than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ very minutely setulose and pubescent. Abdomen not extending beyond the hind wings; apical tuft small. Legs smooth, squamous; spurs short, stout. Wings broad. Fore wings acute; costa straight; exterior border slightly convex and oblique.

1. AROUVA MIRIFICANA.

Mas. Cupreo-rufa; abdomen nigricans; alæ nigro fimbriatæ; posticæ aurato-flavæ, postice ochraceæ, apices versus et apud marginem interiorem cupreæ.

Male. Cupreous-red. Body cupreous-cinereous beneath. Abdomen blackish. Wings with a black fringe. Hind wings gilded-yellow, ochraceous hindward, cupreous along the interior border and towards the tips. Length of the body 4 lines; of the wings 11 lines.

a. Ega. From Mr. Bates' collection.

Genus MADIAMA.

Corpus sat gracile. Palpi robusti, squamosi, ascendentes, verticem non superantes; articulus 3us conicus, minimus. Antennæ glabræ, breviusculæ, sat robustæ. Pedes læves. Alæ anticæ sub-acutæ, angustæ.

Body rather slender. Palpi stout, squamous, ascending, not rising higher than the vertex; third joint conical, very minute. Antennæ smooth, rather short and stout. Legs smooth; hind tibiæ with one long spur in the first pair. Fore wings rather narrow, slightly acute.

1. MADIAMA NIGROSCITALIS.

Obscure cinerea, subtus alba; alæ subtus purpurascente-nigræ; anticæ lineis nonnullis e punctis nigris ferrugineo marginatis, spatio costali albido e strigis duabus nigris marginato, fasciis duabus posticis nigro-cinereis, punctis marginalibus nigris, margine exteriori ferrugineo; posticæ fuscescente-cinereæ.

Dark cinereous, white beneath. Wings purplish black beneath. Fore wings with five or six lines of black ferruginous-bordered points; costal space whitish, partly bordered hindward by two black streaks, each of which is connected with a band, which is somewhat darker than the ground hue; marginal points black; exterior border ferruginous. Hind wings brownish cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Sierra Leone. From Mr. Foxcroft's collection.

Genus COPHANTA.

Fœm. Corpus læve, crassum. Proboscis brevis. Palpi validi, arcuati, ascendentes, capitis latitudine breviores; articulus 2us pilis squamosis dense vestitus; 3us conicus, parvus. Antennæ breves, graciles. Abdomen alas posticas paullo superans. Pedes validi, breves, læves; calcaria longa. Alæ anticæ breves, latæ, apice rotundatæ, margine exteriori convexo.

Female. Body smooth, very stout. Proboscis short. Palpi stout, curved, ascending, shorter than the breadth of the head; second joint thickly clothed in front with short squamous hairs; third conical, minute. Antennæ short, slender, longer than the thorax. Abdomen extending a little beyond the hind wings. Legs smooth, short, stout; spurs long. Wings short, broad. Fore wings rounded at the tips; discal fold strongly marked; exterior border convex, moderately oblique.

1. COPHANTA FUNESTALIS.

Fœm. Cinereo-nigra, nitens; alæ anticæ chalybæo subinctæ, lineis duabus transversis dentatis obscure ferrugineis, punctis marginalibus nigris elongatis; posticæ cinereæ.

Female. Cinereous-black, shining, dark cinereous beneath. Fore wings slightly tinged with chalybeous; two transverse dentate

dark ferruginous lines, one before the middle, the other beyond the middle; marginal points black, transversely elongated. Hind wings cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus CYIZA.

Fœm. Corpus robustum. Proboscis longiuscula. Palpi validi, erecti, verticem non superantes; articulus 3us parvus, longiconicus. Abdomen alas posticas paullo superans. Pedes læves, breviusculi; calcaria longa. Alæ anticæ breves, latæ, acutæ, margine exteriori subobliquo.

Female. Body stout. Proboscis elongate. Palpi stout, erect, shorter than the breadth of the head, not rising higher than the vertex; third joint elongate-conical, not more than one-fourth of the length of the second. Abdomen extending a little beyond the hind wings. Legs smooth, rather short; spurs long. Wings short, broad. Fore wings acute; exterior border slightly convex and oblique.

This genus hardly belongs to the *Phycidæ*. It has some resemblance to the *Noctuæ minores*.

1. CYIZA PUNCTALIS.

Fœm. Pallide cinerea; palpi apice nigricantes; alæ anticæ cervino pallido nebulosæ, plagis duabus obscure ochraceis nigro lineatis, 1a basali, 2a costali strigas tres nigras includente, lineis duabus transversis interruptis strigæque costali obliqua albis, linea transversa devia nigra ochraceo notata, puncto discali læte ochracea, punctis marginalibus nigris.

Female. Pale cinereous. Palpi blackish towards the tips. Fore wings partly clouded with pale fawn-colour; two dark ochraceous patches; one basal, traversed by a bent black line; the other occupying the middle of the costa, also traversed by a black dentate line, which extends to the interior border, and containing three black longitudinal streaks; two irregular incomplete transverse white lines between the two patches; the outer one partly contiguous to a more irregular black line, of which the middle part is marked with bright ochraceous; an oblique white costal streak on the outer

side of the second patch, inclined towards a bright ochraceous point in the disk; marginal points black. Length of the body 4 lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

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CHILO CULMICOLELLUS.

culmicolellus, *Zl.*

Columbia.

CHILO NEURICELLUS.

neuricellus, *Kaden, MSS., Zl.*

Venezuela.

CHILO OBLITERATELLUS.

obliteratellus, *Klr., MSS., Zl.*

Brazil.

CHILO TORPIDELLUS.

torpidellus, *Zl.*

South Africa.

Page 143.

CHILO UNICOLORELLUS.

unicolorellus, *Kollar, MSS., Zl.*

Himalaya.

CHILO DODATELLUS.

Mas. Ochraceus; antennæ robustæ, setulosæ; abdomen alas posticas dimidio fere superans; alæ anticæ vix acutæ, vitta discali diffusa fuscescente, punctis discalibus elongatis, linea exteriori obliqua punctulari punctisque marginalibus nigricantibus, margine exteriori subobliquo; posticæ albidæ.

Male. Ochraceous, whitish cinereous beneath. Labial palpi nearly twice longer than the breadth of the head. Maxillary palpi very short. Antennæ robust, densely setulose. Abdomen extending for nearly half its length beyond the hind wings. Fore wings hardly acute, with a brownish discal diffuse irregular stripe, with some

blackish elongated discal points, and with an exterior oblique hindward abbreviated line, which is composed of blackish points; marginal points blackish, very minute; exterior border slightly convex and oblique. Hind wings whitish. Length of the body $5\frac{1}{2}$ lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

CHILO ADITELLUS.

Fœm. *Ochraceus; abdomen albidum, alas posticas paullo superans; alæ anticæ guttis tribus discalibus nigris, linea exteriori perobliqua e punctis fuscis, punctis marginalibus nigris; posticæ albæ.*

Female. Ochraceous, paler beneath. Labial palpi twice longer than the breadth of the head. Abdomen whitish, extending a little beyond the hind wings. Fore wings with three black discal dots, and with an exterior very oblique line composed of brown points; marginal points black, minute. Hind wings white. Length of the body 6 lines; of the wings 18 lines.

a. Hindostan. From Archdeacon Clerk's collection.

Sect.

Mas et fœm. Corpus sat gracile. Proboscis nulla. Palpi labiales porrecti, lanceolati, capitis latitudine fere duplo longiores. Palpi maxillares brevissimi. Antennæ glabræ, graciles. Abdomen maris apice tumidum. Pedes longi, graciles, læves. Alæ anticæ acutæ, margine exteriori perobliquo.

Male and female. Body rather slender. Proboscis obsolete. Labial palpi porrect, lanceolate, nearly twice longer than the breadth of the head. Maxillary palpi very short. Antennæ smooth and slender in both sexes. Abdomen of the male longer than that of the female, somewhat tumid towards the tip, which has a broad tuft. Legs long, smooth, slender; hind tibiæ with four long spurs. Fore wings acute, moderately broad; costa straight; exterior border slightly convex, very oblique.

CHILO GRATIOSELLUS.

Mas et fœm. *Albidus; alæ anticæ pallide luteæ, gutta discali atra.*

Male and female. Whitish. Fore wings pale luteous, with a deep black discal dot. Length of the body 5—8 lines; of the wings 12—16 lines.

Borneo.

a. China. Presented by G. T. Laye, Esq.

b—e. Colombo, Ceylon. From M. Dohrn's collection.

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CHILO WESTWOODI.

Westwoodi, Zl.

Tasmania.

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SCIRPOPHAGA CINEREA.

cinerea, Kokeil, MSS., Zl.

Sarepta.

SCIRPOPHAGA CHRYSORRHOA.

chrysorrhoea, Zl.

Java.

SCIRPOPHAGA LEUCATEA.

leucatea, Kollar, MSS., Zl.

Isle St. Thomas. Brazil.

SCIRPOPHAGA VIRGINEA.

virginea, Zl.

South Africa.

SCIRPOPHAGA AURIFLUA.

auriflua, Zl.

Calcutta.

SCIRPOPHAGA GILVIBERBIS.

gilviberbis, Zl.

Calcutta.

SCIRPOPHAGA MONOSTIGMA.

monostigma, *Zl.*

ANCYLOLOMIA PECTINATELLA.

pectinatella, *Zl.*

South Italy.

ANCYLOLOMIA CAPENSIS.

capensis, *Zl.*

South Africa.

ANCYLOLOMIA TAPROBANENSIS.

taprobanensis, *Zl.*

Ceylon.

ANCYLOLOMIA WESTWOODI.

Westwoodi, *Zl.*

Tasmania.

ANCYLOLOMIA SAUNDERSIELLA.

Saundersiella, *Zl.*

Genus SCHÆNOBIUS.

Schænobius, *Dp.*—Chilo, p. 139.

SCHÆNOBIUS LONGIROSTRELLUS.

longirostrellus, *Clms.*

North America.

SCHÆNOBIUS SORDIPEDELLUS.

sordipedellus, *Zl.*

Georgia.

SCHÆNOBIUS MONTIVAGELLUS.

montivagellus, *Kaden, MSS., Zl.*

Venezuela.

SCHÆNOBIUS SICARIUS.

sicarius, *Kaden, MSS., Zl.*

Venezuela.

SCHÆNOBIUS CHRYSOSTOMUS.

chrysostomus, *Zl.*
Natal.

SCHÆNOBIUS CAMINARIUS.

caminarius, *Zl.*
Natal.

SCHÆNOBIUS MINUTELLUS.

minutellus, *Zl.*
Calcutta. Java.

SCHÆNOBIUS PUNCTELLUS.

punctellus, *Zl.*
Calcutta. Java.

Genus CALAMOTROPHA.

Calamotropa, *Zl.*

1. CALAMOTROPHA PALUDELLA.

paludellus, p. 152.

2. CALAMOTROPHA AURELIELLA.

aureliellus, p. 152.

3. CALAMOTROPHA ATKINSONI.

Atkinsoni, *Zl.*
Calcutta.

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CRAMBUS VECTIFER.

vectifer, *Zl.*
Sicily. Isle Lesina, Coast of Dalmatia.

CRAMBUS RAMOSELLUS.

ramosellus, *Zl.*
Orenburg. Sarepta.

CRAMBUS STAUDINGERI.

Staudingeri, *Zl.*
Spain.

CRAMBUS LANGUIDELLUS.

languidellus, *Mn. MSS., Zl.*
Tyrol. Istria.

CRAMBUS KINDERMANNI.

Kindermanni, *Zl.*
Siberia.

CRAMBUS CATOPTRELLUS.

catoptrellus, *Wocke, MSS., Zl.*
Glockner.

CRAMBUS PERMUTATELLUS.

permutatellus, *Mn., H.-S.*
Austria.

CRAMBUS HASTIFERELLUS.

hastiferellus, *Zl.*—pulchellus, *Zl. ?*

Page 158.

For 89. CRAMBUS ABTRUSELLUS read 89. CRAMBUS OBTRUSELLUS.

Page 159.

CRAMBUS GIRARDELLUS.

Girardellus, *Clms.*—nivihumellus, p. 159.
Massachusetts. Ohio.

Page 160.

CRAMBUS BIPUNCTELLUS.

bipunctellus, *Zl.*

Ohio. Illinois.

CRAMBUS SALTUELLUS.

saltuellus, *Zl.*—semifusellus? p. 159.

Ohio. Illinois. New York.

CRAMBUS ALBELLUS.

albellus, *Clms.*

Ohio. Illinois.

CRAMBUS SATRAPELLUS.

satrapellus, *Zincken*—aculeilellus, p. 158.

Georgia.

CRAMBUS AGITATELLUS.

agitatellus, *Clms.*

Ohio. Illinois. Washington.

CRAMBUS LAQUEATELLUS.

laqueatellus, *Clms.*

Ohio. New York.

CRAMBUS PLEBEIADELLUS.

plebeiadellus, *Zincken.*

Georgia.

CRAMBUS DECORELLUS.

decorellus, *Zincken.*

Georgia.

CRAMBUS PEXELLUS.

pexellus, *Kaden, MSS., Zl.*

Georgia.

CRAMBUS SERICINELLUS.

sericinellus, *Zl.*

Ohio.

CRAMBUS MACROPTERELLUS.

macropterellus, *Klr. MSS., Zl.*

North America.

CRAMBUS LINEARELLUS.

linearellus, *Klr. MSS., Zl.*

America.

CRAMBUS GEMINATELLUS.

geminatellus, *Klr. MSS., Zl.*

North America?

CRAMBUS FUSCICOSTELLUS.

fuscicostellus, *Zl.*

Ohio. Illinois.

CRAMBUS LEACHELLUS.

Leachellus, *Zincken.*

Illinois.

CRAMBUS ALBOCLAVELLUS.

alboclavellus, *Schlager, MSS., Zl.*

Ohio.

CRAMBUS PRÆFECTELLUS.

præfectellus, *Zincken.*

United States.

CRAMBUS TERRELLUS.

terrellus, *Zincken.*

Ohio. Georgia.

CRAMBUS EXSICCATUS.

exsiccatus, *Zl.*

Illinois.

CRAMBUS SOLUTELLUS.

solutellus, *Klr. MSS., Zl.*

North America ?

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CRAMBUS PUSIONELLUS.

pusionellus, *Kaden, MSS.*

Venezuela.

CRAMBUS KADENII.

Kadenii, *Zl.*

Venezuela.

CRAMBUS SUBTILELLUS.

subtilellus, *Klr., MSS.*

Brazil.

CRAMBUS CERVINELLUS.

cervinellus, *Kollar, MSS., Zl.*

Brazil.

CRAMBUS EXIMIELLUS.

eximiellus, *Zincken.*

Brazil.

CRAMBUS POLYACTINELLUS.

polyactinellus, *Kollar, MSS., Zl.*

America ?

Page 165.

CRAMBUS HAPALISCUS.

hapaliscus, *Zl.*

Natal.

CRAMBUS FLAVIPEDELLUS.

flavipedellus, *Zl.*

Natal.

Page 168.

CRAMBUS PORCELLANELLUS.

porcellanellus, *Mtshky.*

Japan.

CRAMBUS DIPLOGRAMMUS.

diplogrammus, *Mtshky.*

Japan.

Page 171.

CRAMBUS BIVITTELLUS.

trivittatellus, *Zl.*

CRAMBUS RECURVELLUS.

bivittellus, *Zl.*

CRAMBUS LATIVITTALIS.

halterellus, *Klr., MSS., Zl.*

Page 176.

CRAMBUS RELATALIS.

pentadactylus, *Zl.*

Page 177.

CRAMBUS GAMMELLUS.

gammellus, *Zl.*

Australia?

CRAMBUS OPULENTELLUS.

opulentellus, *Zl.*

Tasmania.

CRAMBUS ARGYRONEURUS.

argyroneurus, *Zl.*

Adelaide.

CRAMBUS FLEXUOSELLUS.

apicellus, *Zl.*

Page 178.

CRAMBUS NEXALIS.

incrassatellus, Zl.

CRAMBUS BISECTELLUS.

bisectellus, Zl.

New Zealand.

CRAMBUS SUBLICELLUS.

sublicellus, Zl.

New Zealand.

Page 180.

EROMENE WOCKEELLA.

Wockeella, Zl.

Etruria.

EROMENE AURISCRIPTELLA.

Mas. *Aurato-flava*; palpi extus fuscii, fascia obliqua lata lutea; alæ anticæ fascia interiore arcuata, striga discali transversa, lineolis duabus discalibus exterioribus fasciæ interrupta undulata adhuc exteriori auratis, linea marginali nigra postice punctulari; posticæ cinereæ.

Male. Gilded yellow, cinereous and shining beneath. Palpi brown on the outer side, with a broad oblique luteous band. Fore wings with some brightly gilded marks; these consist of an outward-curved interior band, a transverse discal streak, and two exterior longitudinal discal lines, which intersect the interrupted part of a more exterior undulating band; marginal line black, divided hindward into black points; fringe bright æneous. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a—e. New Zealand. Presented by Col. Bolton.

Page 181.

Genus ARGYRIA.

Argyria, Hb.—Urola, p. 181—Catharylla, Zl.

ARGYRIA NUMMULALIS.

nummulalis, *Hb.*—microchrysella, p. 181.

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ARGYRIA PUSILLALIS.

pusillalis, *Hb.*—pulchella? p. 183.

ARGYRIA FUSCIPES.

fuscipes, *Zl.*

Illinois.

ARGYRIA AURATELLA.

auratellus, *Clms.*

Massachusetts. Illinois.

ARGYRIA LUSELLA.

lusella, *Zl.*

Isle St. Thomas.

ARGYRIA TENELLA.

tenella, *Zl.*

Rio Janeiro.

ARGYRIA NORWICHIANA.

norwichiana, *Hb.*

South America?

ARGYRIA LUCIDELLA.

lucidella, *Zl.*

Brazil.

ARGYRIA FLAVIPEDELLA.

flavipedella, *Zl.*

South Africa.

ARGYRIA NIGROCILIELLA.

nigrociliella, *Klr., MSS., Zl.*

Bombay.

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Genus TOMISSA.

Mas. Corpus gracile. Proboscis gracilis. Palpi oblique ascendentes, capitis latitudine paullo longiores; articulus 2us latus, squamosus, fimbriatus; 3us lanceolatus, 2i triente non longior. Antennæ setulosæ. Abdomen alas posticas paullo superans. Pedes læves; calcaria longissima. Alæ anticæ latiusculæ, breviusculæ, apice rectangulatæ, margine exteriori subconvexo perparum obliquo.

Male. Body slender. Proboscis slender. Palpi obliquely ascending, a little longer than the breadth of the head; second joint broad, squamous, fringed; third lanceolate, smooth, not more than one-third of the length of the second. Antennæ minutely setulose. Abdomen extending a little beyond the hind wings. Legs smooth, moderately long and stout; spurs very long. Wings rather broad and short. Fore wings rectangular at the tips; costa straight; exterior border slightly convex, very slightly oblique; third inferior vein twice further from the fourth than from the second.

Type, *T. concisella*.

1. TOMISSA CONCISELLA.

Fœm. Albida; alæ anticæ testaceo subinctæ, apud marginem exterioriorem pallide cervinæ, punctis duobus discalibus nigris; posticæ puncto discali punctisque marginalibus fuscis.

Female. Whitish. Fore wings with a slight testaceous tinge; a pale fawn-coloured tinge along the exterior border; two black points in the disk beyond the middle, and a row of black points along the apical part of the costa and along the exterior border. Hind wings with a brown discal point and brown marginal points. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

2. TOMISSA? FERVIDELLA.

Ochracea; palpi oblique ascendentes, articulo 2o pubescente, 3o conico; antennæ pubescentes; alæ anticæ dimidio apicali purpureo; posticæ albidæ, margine exteriori subpurpurascente.

Ochraceous. Palpi obliquely ascending, not rising higher than the vertex; second joint pubescent; third conical, less than one-fourth of the length of the second. Antennæ pubescent. Abdomen and hind wings whitish. Fore wings with the apical half purple, except along the costa; third inferior vein near the second, very remote from the fourth. Hind wings slightly tinged with purplish along the exterior border. Length of the body 4? lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus PHACHTHIA.

Mas. Corpus robustum. Proboscis brevissima. Palpi longi, graciles, porrecti; articulus 2us subfimbriatus; 3us gracillimus, 2i dimidio longior. Antennæ læves, graciles. Abdomen alas posticas superans; fasciculus apicalis parvus, subcompressus. Pedes subfimbriati; tibiæ posticæ fasciculo longo, calcaribus quatuor longissimis. Alæ anticæ acutæ, costa subconvexa, margine exteriori angulato.

Male. Stout. Proboscis very short. Palpi porrect, long, slender, extending very far beyond the head; second joint slightly fringed; third very slender, more than half the length of the second. Antennæ smooth, slender. Abdomen extending somewhat beyond the hind wings; apical tuft small, slightly compressed. Legs moderately long; femora and tibiæ slightly fringed; hind tibiæ with a tuft of long curved black hairs and with four extremely long spurs. Wings moderately long and broad. Fore wings acute; costa slightly convex; exterior border distinctly angular.

1. PHACHTHIA LIGNIGERALS.

Mas. *Pallidissime lignicolor; alæ punctis marginalibus fuscis; anticæ costam versus obscuriores, litura discali fusca.*

Male. Very pale wood-colour. Wings with brown marginal points. Fore wings darkest towards the costa, with a brown discal mark, which is most distinct on the under side. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus ERUPA.

Fœm. Corpus sat robustum. Frons subproductus. Proboscis nulla. Palpi labiales connexi, lanceolati, capitis latitudine multo longiores; articulus 3us 2i triente non longior. Palpi maxillares longi-conici, breves. Antennæ sat robustæ. Abdomen alas posticas longe superans. Pedes longi; tibiæ posticæ quadricalcaratæ. Alæ anticæ amplæ, acutæ, vix falcatæ, costa basi convexa.

Female. Body rather stout. Front slightly prominent. Proboscis obsolete. Labial palpi connected, lanceolate, very much longer than the breadth of the head; third joint acute, about one-third of the length of the second. Maxillary palpi elongate-conical, about one-third of the length of the labial palpi. Antennæ rather stout. Abdomen extending much beyond the hind wings. Legs smooth, moderately stout, rather long; hind tibiæ with four moderately long spurs. Wings ample, acute. Fore wings hardly falcate; costa convex towards the base; exterior border hardly convex, slightly oblique.

1. ERUPA CHILOIDES.

Fœm. Testaceo-cinerea, nitens; alæ subiridescentes, linea submarginali e punctis nigris, punctis marginalibus nigris; anticæ linea exteriori e punctis nigris, litura discali e guttis quinque nigris.

Female. Testaceous-cinereous, shining. Wings slightly iridescent, with a submarginal line of black points; marginal points black. Fore wings with an exterior line of black points; this line is abbreviated hindward and its points are smaller than those of the submarginal line; discal mark large, composed of five irregular black dots. Length of the body 8 lines; of the wings 18 lines.

Brazil. In Mr. Saunders collection.

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CACOEZIA BESSERI.

Besseri, Nowicki.

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SCIAPHILA ? REYNANA.

Reynana, Std.—osseana, De la Harpe.

SCIAPHILA DERIVANA.

derivana, De la Harpe.

SCIAPHILA GRATANA.

gratana, De la Harpe.

Page 228.

OLINDIA LIMONIANA.

limoniana, Mill.

Page 239.

CONCHYLIS MULSANTANA.

Mulsantana, Mill.

CONCHYLIS EXIGUANA.

exiguana, De la Harpe.

CONCHYLIS GRATIOSANA.

gratiosana, De la Harpe.

Page 241.

RETINIA OBESANA.

obesana, De la Harpe.

Page 250.

PENTHINA DIGITALITANA.

digitalitana, Mühlig.

PENTHINA ARENANA.

arenana, De la Harpe.

PENTHINA REJECTANA.

rejectana, *De la Harpe.*

PENTHINA MENDOSANA.

mendosana, *De la Harpe.*

Page 261.

PÆDISCA LAHARPANA.

Laharpana, — ? *De la Harpe.*

PÆDISCA DECIPIANA.

decipiana, *De la Harpe.*

PÆDISCA ABSCONDITANA.

absconditana, *De la Harpe.*

Page 279.

GRAPHOLITA LOBARZEWSKII.

Lobarzewskii, *Nowicki.*

GRAPHOLITA PICTANA.

pictana, *De la Harpe.*

GRAPHOLITA GENICULANA.

geniculana, *De la Harpe.*

GRAPHOLITA INCOMPTANA.

incomptana, *De la Harpe.*

GRAPHOLITA DENTANA.

dentana, *De la Harpe.*

Page 283.

DICHRORAMPHA CHAVANNEANA.

Chavanneana, *De la Harpe.*

Page 291.

TERAS VIBURNANA.

viburnana, *Clms.* (Peronea).

United States.

Page 308.

TERAS? ACCENSANA.

Mas. *Fusco-cinerea, robusta; palpi porrecti, flexi, caput paullo superantes, articulo 3o conico; antennæ validæ, setulosæ; pedes robusti; alæ anticæ subacutæ, fusco conspersæ, maculis quatuor costalibus fuscis subquadratis, costa subconvexa; margine exteriori perobliquo; posticæ cinereæ.*

Male. Brownish cinereous, stout. Palpi porrect, smooth, extending a little beyond the head; third joint conical, bent inward, forming an angle with the second. Antennæ stout, setulose. Abdomen extending rather beyond the hind wings. Legs smooth, stout. Wings moderately broad. Fore wings minutely speckled with brown, slightly acute; four subquadrate brown spots along the costa, which is very slightly convex; exterior border very oblique. Hind wings cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. New Zealand. Presented by Col. Bolton.

Page 310.

PANDEMIS DISPILANA.

Mas. *Cinereo-fusca; alæ anticæ strigulis plurimis transversis, striga lata obliqua, fascia obliqua plagaque costali exteriori arcuata fuscis; posticæ cinereæ.*

Male. Cinereous-brown, dingy cinereous beneath. Palpi slightly ascending, much shorter than the breadth of the head; third joint conical, about one-sixth of the length of the second. Antennæ stout, pubescent. Fore wings rectangular at the tips, with numerous minute transverse brown streaks, with a broad brown streak, which extends obliquely from the base of the interior border to the disk, with an oblique brown band, and with a brown costal exterior nearly semicircular patch; costa and exterior border almost straight, the latter hardly oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Bootan. Presented by the Secretary of the India Board.

Page 325.

TORTRIX ROSACEANA.

rosaceana, *Harris* (Lozotænia).

United States.

TORTRIX CERASIVORANA.

cerasivorana, *Harris* (Lozotænia).

United States.

TORTRIX LASCIVA.

lasciva, *Hb.*

United States.

TORTRIX MALANA.

malana, *Fitch.*

United States.

TORTRIX TRIQUETRANA.

triquetrana, *Fitch.*

United States.

TORTRIX SARTENA.

sartena, *Hb.*

United States.

TORTRIX TUBERCULARIA.

tubercularia, *Hb.*

United States.

TORTRIX RETICULATANA.

reticulatana, *Clms.* (Cræsia?).

United States

TORTRIX SULFUREANA.

sulfureana, *Clms.* (Cræsia?).

United States.

TORTRIX PERSICANA.

persicana, *Fitch* (Cræsia).

United States.

TORTRIX FERVIDANA.

fervidana, *Clms.* (Lozotænia).

United States.

Page 326.

TORTRIX SUBJUNCTANA.

subjunctana, *Wltn.*

Madeira.

Page 329.

TORTRIX CONCLUSANA.

This name must be annulled, as the species is described elsewhere, and is not one of the *Tortricidæ*.

Page 333.

TORTRIX ASHWORTHANA.

Ashworthana, *Nwm.*

Australia.

TORTRIX STANDISHANA.

Standishana, *Nwm.*

Australia.

Page 344.

SCIAPHILA INDIVISANA.

Mas. Cinereo-fusca; palpi vix decumbentes, capitis latitudine paullo breviores, articulo 3o conico; alæ anticæ nigro conspersæ, vix acutæ, linea exterior nigricante obliqua diffusa indistincta antice abbreviata.

Male. Cinereous-brown. Palpi porrect, slightly declining, a little shorter than the breadth of the head; third joint conical, about one-fourth of the length of the second. Antennæ stout, minutely pubescent. Abdomen extending rather beyond the hind wings. Fore wings hardly acute, minutely black-speckled; an indistinct oblique diffuse exterior blackish line, which is abbreviated in front and extends to the interior angle; costa and exterior border hardly

convex, the latter rather oblique. Length of the body 3 lines; of the wings 7 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

Page 353.

SCIAPHILA? DIFFUSANA.

Fœm. *Cana, subtus albida; abdomen cinereum; alæ anticæ elongatæ, apice rotundatæ, nigro conspersæ, fasciis quatuor diffusis nigricantibus, lineis duabus transversis angulosis cinereis, gutta discali nigricante; posticæ cinereæ.*

Female. Hoary. Body whitish beneath. Palpi shorter than the breadth of the head; second joint slightly fringed above; third elongate-conical, less than half the length of the second. Antennæ slender; first joint stout. Abdomen cinereous, extending very little beyond the hind wings. Fore wings elongate, rounded at the tips, thickly speckled with black, with four diffuse blackish bands, of which the second and the third are more conspicuous than the other two; a zigzag cinereous line between the first and second bands, and another between the third and fourth bands; a blackish discal dot between the second and third bands; costa hardly convex; exterior border slightly convex, moderately oblique. Hind wings cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 13 lines.

a. South Australia. Presented by R. Bakewell, Esq.

Page 357.

SCIAPHILA INFIMAMA.

Mas. *Cinerea; palpi albidi; antennæ articulis 1o et 2o longis robustis, 2o subclavato; alæ anticæ angustæ, elongatæ, vix acutæ, fusco conspersæ.*

Male. Cinereous. Palpi whitish, porrect, a little longer than the breadth of the head; second joint with a short fringe; third elongate-conical, not more than one-fourth of the length of the second. Antennæ smooth; first and second joints long, stout; second subclavate. Abdomen extending beyond the hind wings. Wings narrow, elongate. Fore wings hardly acute, transversely and diffusely speckled with brown; costa and exterior border straight, the latter moderately oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a, b. New Zealand. Presented by Col. Bolton.

Page 360.

CONCHYLIS QUERCIFOLIANA.

quercifoliana, *Fitch* (Argyrolepia).

United States.

CONCHYLIS ANGUSTANA.

angustana, *Clms.* (Lozopera?).

United States.

CONCHYLIS LEPIDANA.

lepidana, *Clms.* (Argyrolepia).

United States.

Page 369.

Conchylis bimaculana—*Æcophora bimaculana*, p. 675.

CONCHYLIS SEMIRECTANA.

Fœm. *Argenteo-alba; thorax fascia lata æneo-fusca; abdomen pallide ochraceum; alæ anticæ latæ, subacutæ, fasciis sex æneo-fuscis, 4a interrupta, 5a antice furcata, 6a marginali; posticæ pallide ochraceæ.*

Female. Silvery white. Palpi porrect, shorter than the breadth of the head; third joint very minute. Antennæ about half the length of the fore wings. Thorax with a broad æneous-brown band. Abdomen and hind wings pale ochraceous. Wings broad. Fore wings slightly acute, with six æneous-brown bands; fourth band widely interrupted in front; fifth forked in front, the outer fork sometimes interrupted; sixth marginal, extending nearly to the fifth, where the latter occupies the hind part of the exterior border. Length of the body 3 lines; of the wings 9 lines.

a, b. Sydney. From Mr. Diggles' collection.

CONCHYLIS ALBIDANA.

Alba; alæ anticæ subacutæ, fascia media angusta obliqua postice abbreviata guttaque apicali elongata cervinis.

White, shining, cinereous beneath. Fore wings slightly acute, with a narrow oblique fawn-coloured middle band, which is abbreviated towards the interior border; an elongated fawn-coloured

apical dot; costa and exterior border straight, the latter moderately oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Sydney From Mr. Lambert's collection.

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PENTHINA? NERIANA.

neriana, *Bd.*

Bourbon. Mauritius.

PENTHINA NIMBATANA.

nimbatana, *Clms.* (Antithesia).

United States.

PENTHINA BIPARTATANA.

bipartatana, *Clms.* (Antithesia).

Massachusetts.

PENTHINA CORUSCANA.

coruscana, *Clms.* (Antithesia).

United States.

PENTHINA POMONELLA.

pomonella, *Harris.*

United States.

PENTHINA OCLANA.

oculana, *Harris.*

United States.

Genus ECCOPSIS.

Eccopsis, *Zl.*

ECCOPSIS WAHLBERGIANA.

Wahlbergiana, *Zl.*

South Africa.

*Page 380.***PÆDISCA SIMULANA.**

simulana, *Clms.* (Halonota).

Baltimore.

PÆDISCA INCANANA.

incanana, *Clms.* (Halonota).

United States.

*Page 387.***GRAPHOLITA INTERSTINCTANA.**

interstinctana, *Clms.* (Stigmonota).

United States.

GRAPHOLITA SPIRÆFOLIANA.

spiræfoliana, *Clms.* (Anchylopera).

United States.

GRAPHOLITA NUBECULANA.

nubeculana, *Clms.* (Anchylopera).

United States.

GRAPHOLITA COSTOMACULANA.

costomaculana, *Clms.* (Anchylopera).

United States.

GRAPHOLITA PLATANANA.

platanana, *Clms.* (Anchylopera).

United States.

GRAPHOLITA STRIATANA.

striatana, *Clms.* (Anchylopera).

United States.

GRAPHOLITA DORSISIGNATANA.

dorsisignatana, *Clms.* (Pæcilochema?).

United States.

GRAPHOLITA SIMILIANA.*similiana*, *Clms.*—*dorsisignatana*, *fœm.*?

United States.

GRAPHOLITA PYRIFOLIANA.*pyrifoliana*, *Clms.* (Hedya).

United States.

GRAPHOLITA SCUDDERIANA.*Scudderiana*, *Clms.* (Hedya).

Massachusetts.

GRAPHOLITA ARGUTANA.*argutana*, *Clms.* (Bactra?)

United States.

GRAPHOLITA VITEANA.*viteana*, *Clms.* (Endopisa?).

United States.

GRAPHOLITA AGILANA.*agilana*, *Clms.* (Endopisa?).

United States.

*Page 388.***GRAPHOLITA MADERÆ.***Maderæ*, *Wltn.*

Madeira.

GRAPHOLITA STAGNICOLANA.*stagnicolana*, *Zl.* (Bactra).

South Africa.

GRAPHOLITA CONFERTANA.*Cuprea*; *alæ anticæ strigis septem anticis obliquis albis.*

Cupreous. Fore wings with seven white streaks, which extend from the costa to the disk and commence at one-third of the length of the former; first, second and third streaks more oblique than the four following streaks; four slightly oblique streaks extending to

the disk from the interior border; first and second more distinct than the third and fourth. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Page 393.

GRAPHOLITA DENTATANA.

Mas. *Cinereo-fusca; antennæ subserratae; alæ anticae vix acutæ, vitta discali alba undulata extus fusco conspersa, margine exteriori perobliquo; posticae cinereæ.*

Male. Cinereous-brown. Palpi stout, porrect, as long as the breadth of the head; second joint pilose beneath; third acute, minute. Antennæ very minutely serrated. Fore wings narrow, hardly acute, with a white irregular undulating discal stripe, which is speckled with brown exteriorly; exterior border very oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Sydney. From Mr. Lambert's collection.

GRAPHOLITA ABNEGATANA.

Mas. *Cinerea, gracilis; palpi porrecti, capitis latitudine non breviores, articulo 2o late fimbriato, 3o conico minimo; antennæ pubescentes, subcrenulatæ; alæ anticae vix acutæ, fusco conspersæ, ochraceo suffusæ.*

Male. Cinereous, slender. Palpi porrect, as long as the breadth of the head; second joint broadly fringed above; third conical, very minute. Antennæ pubescent, minutely crenulated, full half the length of the fore wings. Abdomen extending a little beyond the hind wings. Legs slender. Wings moderately broad. Fore wings hardly acute, speckled with brown, suffused with dark ochraceous; costa and exterior border straight, the latter rather oblique. Length of the body $2\frac{1}{2}$ lines; of the wings $6\frac{1}{2}$ lines.

a. New Zealand. Presented by Col. Bolton.

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CARPOCAPSA TRAJECTANA.

Mas. *Fusca, cinereo varia, subtus flavescens; palpi penicillo flavescente; alæ anticæ plaga discali interiore diffusa albida, annulo exterior e punctis nigris; posticæ pallide luteæ.*

Male. Brown, silky, varied with cinereous, pale yellowish beneath. Front prominent. Palpi slightly decumbent, almost as long as the breadth of the head, with a thick penicillate pale yellowish fringe above. Antennæ very minutely pubescent, slightly incrassated at the base. Fore wings rectangular at the tips, with a diffuse whitish patch in the disk near the base, and with several black points, most of which form a circle, the latter is partly contiguous to the exterior and interior borders; costa and exterior borders slightly convex, the former slightly reflexed towards the base, the latter slightly oblique. Hind wings pale luteous. Length of the body 2 lines; of the wings 6 lines.

a. Sydney. From Mr. Diggles' collection.

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HEMEROSIA PARMATANA.

parmatana, *Clms.* (Ephipphora).

United States.

HEMEROSIA CARYANA.

caryana, *Fitch* (Ephipphora).

United States.

Genus AMORBIA.

Amorbia, *Clms.*

1. AMORBIA HUMEROSANA.

humerosana, *Clms.*

United States.

Genus DYSODIA.

Dysodia, *Clms.*

DYSODIA OCULATANA.oculatana, *Clms.*

Philadelphia.

Genus PLATYNOTA.Platynota, *Clms.***PLATYNOTA SENTANA.**sentana, *Clms.*

United States.

PLATYNOTA FLAVEDANA.flavedana, *Clms.*—sentana, *var. ?*

United States.

Genus MONOSPHRAGIS.Monosphragis, *Clms.***1. MONOSPHRAGIS OTIOSANA.**otiosana, *Clms.*

United States.

Genus CÆLOSTATHMA.Cælostathma, *Clms.***1. CÆLOSTATHMA DISCOPUNCTANA.**discopunctana, *Clms.*

United States.

Genus SMICROTES.Smicrotes, *Clms.***1. SMICROTES PERITANA.**peritana, *Clms.*

United States.

Genus EXARTEMA.Exartema, *Clms.*

1. EXARTEMA NITIDANA.

nitidana, *Clms.*
United States.

2. EXARTEMA PERMUNDANA.

permundana, *Clms.*
United States.

3. EXARTEMA VERSICOLORANA.

versicolorana, *Clms.*
United States.

4. EXARTEMA INORNATANA.

inornatana, *Clms.*
United States.

5. EXARTEMA FASCIATANA.

fasciatana, *Clms.*
United States.

Genus JOPLOCAMA.

Joplocama, *Clms.*]

1. JOPLOCAMA FORMOSANA.

formosana, *Clms.*
Illinois.

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For 1. HEMINIA ORBIFERANA read 1. HEMONIA ORBIFERANA.

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TOSPITIS ILLATALIS.

Mas. *Pallide ochracea; antennæ subpubescentes; abdomen fusco-cinereum; alæ anticæ acutæ, nigro subconspersæ, punctis duobus discalibus nigris, linea exteriori transversa fuscescente non obliqua; posticæ fusco-cinereæ.*

Male. Pale ochraceous, stout. Palpi smooth, slender, porrect, extending a little beyond the head; third joint lanceolate, shorter than the second. Antennæ rather stout, indistinctly pubescent.

Abdomen and hind wings brownish cinereous. Fore wings acute, with a few minute black speckles; two black points in the disk; one before the middle, nearer the costa than the second, which is much beyond the middle; a brownish transverse more exterior line, which extends from near the costa to the interior angle and is not oblique. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

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TORDA RENSELARIANA.

Cryptolechia Renselariana, p. 712.

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Genus THAPAVA.

Mas. Corpus sat robustum. Palpi validi, lanceolati, squamosi, porrecti, sat longi; articulus 3us 2i dimidio brevior. Antennæ pectinatæ. Abdomen alas posticas superans. Pedes robusti. Alæ anticæ squamosæ, apice rotundatæ, margine exteriori postico perobliquo.

Male. Body moderately stout. Proboscis obsolete (?). Palpi lanceolate, porrect, stout, roughly squamous, longer than the breadth of the head; third joint less than half the length of the second. Antennæ moderately pectinated; branches stout. Abdomen extending beyond the hind wings. Legs stout; spurs long. Fore wings squamous, rounded at the tips; costa straight; exterior border convex, very oblique hindward.

1. THAPAVA NATALANA.

Mas. *Nigricans*; abdomen cinereum; alæ anticæ obscure cupreæ, fasciis tribus diffusis indeterminatis purpurascentibus, guttis quatuor costalibus unaque apud angulum interiorem flavescentibus, fimbria flavescente biguttata; posticæ cinereo-fuscæ.

Male. Blackish. Body beneath and abdomen cinereous. Fore wings dark cupreous, with three irregular diffuse purplish bands; costa with a yellowish dot in the middle, and with three yellowish dots near the tip; two yellowish dots on the fringe and

one by the interior angle. Hind wings cinereous-brown, whitish along the costa. Length of the body 4 lines; of the wings 10 lines.

a. Port Natal. From M. Gueinzus' collection.

Genus SAVOCA.

Fœm. Corpus sat robustum. Proboscis conspicua. Palpi porrecti, capitis latitudine vix breviores; articulus 1us subarcuatus, subclavatus, subfimbriatus; 3us brevissimus. Abdomen alas posticas superans. Pedes læves; tibiæ posticæ quadricaratae. Alæ anticæ sat angustæ, vix acutæ, costa recta, margine exteriori convexo obliquo.

Female. Body rather stout. Proboscis distinct. Palpi porrect, nearly as long as the breadth of the head; second joint slightly curved, increasing in breadth from the base to the tip, slightly fringed above; third extremely short. Abdomen extending beyond the hind wings. Legs smooth; hind tibiæ with four moderately long spurs. Fore wings rather narrow, hardly acute; costa straight; exterior border convex, moderately oblique.

1. SAVOCA SARAWAKANA.

Fœm. *Cervina, subtus sordide cinerea; abdomen cinereum; alæ anticæ apud margines cinereæ, lineis plurimis fuscis denticulatis diffusis, squamis nonnullis nigris, punctis marginalibus fuscis; posticæ subæneo-cinereæ.*

Female. Fawn-colour, dingy cinereous beneath. Abdomen cinereous. Fore wings mostly cinereous along the exterior and interior borders, with many brown denticulated somewhat diffuse transverse lines, of which a few are accompanied by some black scales, and are thereby more distinct than the others; marginal points brown; fringe interlined. Hind wings cinereous, with a slight æneous tinge. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

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SIMAETHIS ONUSTANA.

Mas. *Ferruginea; palpi acuti, subtus dense fimbriati; antennæ setosæ; alæ anticæ apice rotundatæ, guttis nonnullis chalybeis*

*micantibus nigro cinctis, fasciis duabus indeterminatis sub-
arcuatis albidis, striga basali chalybea, fimbria cinereo mar-
ginata.*

Male. Ferruginous. Palpi acute, not longer than the breadth of the head, with a long dense fringe beneath; third joint lanceolate, much shorter than the second. Antennæ setose. Fore wings rounded at the tips, with two irregular whitish slightly curved bands, and with several glittering chalybeous black-bordered dots; first band before the middle, more oblique than the second, which is beyond the middle; a chalybeous streak along the basal part of the costa; fringe bordered by two cinereous lines. Length of the body 2 lines; of the wings 6 lines.

a. Nova Scotia. From Lieut. Redman's collection.

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SIMAETHIS ? ABSTITELLA.

Fœm. Cuprea; caput pectus et abdomen cinerea; palpi ascendentes, capitis latitudine paullo breviores, articulo 2o fimbriato, 3o lineari; antennæ albido annulatæ; alæ anticæ latiusculæ, vix acutæ, fasciis quatuor diffusis albidis, linea angulosa concisa alba.

Female. Bright cupreous. Head, palpi, pectus and abdomen cinereous. Palpi obliquely ascending, a little shorter than the breadth of the head; second joint fringed beneath; third linear. Antennæ very slender, with whitish rings. Wings rather broad. Fore wings hardly acute, with four diffuse whitish bands; first, second and third bands before the middle; fourth exterior, bounded on the inner side by a concise zigzag white line. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. New Zealand. Presented by Col. Bolton.

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CHOREUTIS AUSTRALIS.

australis, Zl.

South Africa.

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OROSANA? CARPOCAPSELLA.

Fœm. *Schistacea; palpi verticem non superantes; antennæ graciles; alæ anticæ apice rotundatæ, strigis transversis fuscis integris et interruptis, spatio exteriori subcupreo, punctis tribus marginalibus atris cupreo marginatis; posticæ luteæ, cupreo late marginatæ.*

Female. Slaty cinereous, stout, smooth. Palpi smooth, erect, not rising higher than the vertex; second joint curved; third straight, lanceolate, shorter than the second. Antennæ slender. Fore wings rounded at the tips, with several brown transverse streaks, which are interrupted towards the base, but are complete in the exterior part, and form the ground hue along the exterior border; exterior cinereous part and fringe tinged with cupreous; three deep black cupreous-bordered points along the hind part of the exterior border. Hind wings luteous, with a very broad dark cupreous border, which is excavated on the inner side; fringe partly luteous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

OROSANA? PERCUSSANA.

Mas. *Cupreo-nigricans; alæ anticæ apice subrotundatæ, lineis transversis cinereis ex parte chalybæis, strigis submarginalibus cinereis minimis, guttis marginalibus atris ex parte chalybæo marginatis; posticæ fimbria pallide cinerea.*

Male. Cupreous-blackish. Body cinereous beneath. Palpi erect, smooth, slender, hardly rising higher than the vertex; second joint slightly curved; third lanceolate, a little shorter than the second. Antennæ rather long and stout, minutely setulose and pubescent. Fore wings slightly rounded at the tips; some transverse cinereous lines, a few of which are chalybeous hindward; disk near the exterior border with extremely minute longitudinal cinereous streaks; marginal dots deep black, partly chalybeous-bordered; exterior border slightly convex, moderately oblique. Hind wings with a pale cinereous fringe. Length of the body 3 lines; of the wings 7 lines.

a. Tasmania. From the Entomological Society's collection.

OROSANA? BEATELLA.

Mas. *Schistacea, crassa; palpi verticem non superantes; abdomen auratum; tibiæ posticæ subfimbriatæ; alæ anticæ vix acutæ, lineis transversis fuscescentibus interruptis, plagis duabus purpureo-fuscis, punctis atris marginalibus, linea marginali purpurea; posticæ aurato-flavæ, cupreo marginatæ.*

Male. Slaty cinereous, thick, smooth, squamous. Palpi smooth, curved, not rising higher than the vertex; third joint lanceolate, much shorter than the second. Antennæ smooth, rather shorter than the fore wings. Abdomen gilded, extending a little beyond the hind wings. Legs stout, smooth; hind tibiæ slightly fringed. Fore wings hardly acute, with several brownish interrupted transverse lines, and with two dark brown purple-tinged patches; first patch extending from the interior border to the interior disk; second much larger than the first, extending from the interior angle to the disk; exterior border slightly convex and oblique, with deep black points and with a purple marginal line; costa convex towards the base. Hind wings gilded yellow; interior border and exterior border cupreous. Length of the body 3 lines; of the wings 8 lines.

This species has some resemblance to a *Carpocapsa*.

a. Australia. From Mr. Diggles' collection.

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Genus INAPHA.

Mas. *Corpus sat robustum. Caput convexum, antice subquadratum. Proboscis longiuscula. Antennæ glabræ, longiusculæ. Abdomen alas posticas sat superans. Pedes læves, validi; tibiæ posticæ pilosæ; calcaria longissima. Alæ anticæ elongatæ, acutæ, margine exteriori subexcavato vix obliquo.*

Allied to *Simaethis*. **Male.**—Body rather stout. Head very convex above, subquadrate in front. Proboscis rather long. Antennæ smooth, rather long, much shorter than the fore wings. Abdomen extending rather beyond the hind wings. Legs smooth, stout; spurs very long; hind tibiæ pilose. Wings elongate, moderately broad. Fore wings acute; exterior border slightly curved inward, hardly oblique.

1. INAPHA LAMPRONIALIS.

Mas. *Purpureo-cuprea; caput flavum; antennæ pallide flavæ, apices versus argenteo-albæ; alæ anticæ macula trigona liturisque tribus costalibus exterioribus flavis.*

Male. Purplish cupreous. Head yellow. Antennæ pale yellow, silvery white towards the tips. Abdomen brownish. Legs pale yellow; tibiæ with purplish cupreous tips. Wings with a cinereous marginal line. Fore wings with a yellow triangular spot which extends from the costa before the middle to the disk, where it forms an acute angle; three more exterior elongate yellow costal marks; first and second very small; third moderately large. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus DUDUA.

Mas. Corpus robustum. Proboscis brevis, gracilis. Palpi porrecti, validi, squamosi, caput vix superantes; articulus 2us subarcuatus; 3us minimus. Antennæ validæ, subsetulosæ. Abdomen alas posticas paullo superans; fasciculus apicalis subradiatus. Pedes crassi, brevissimi; tibiæ posticæ late fimbriatæ. Alæ anticæ latæ, subacutæ, margine exteriori subconvexo perobliquo.

Male. Body stout. Proboscis short, slender. Palpi porrect, stout, squamous, hardly extending beyond the head; second joint very slightly curved; third extremely small, not more than one-eighth of the length of the second. Antennæ stout, very minutely setulose. Abdomen extending a little beyond the hind wings; apical tuft slightly radiating. Legs very short and stout; hind tibiæ broadly fringed. Wings broad, not long. Fore wings slightly acute; exterior border slightly convex, very oblique.

1. DUDUA HESPERIALIS.

Mas. *Obscure cupreo-fusca; alæ anticæ lineis nonnullis transversis indeterminatis chalybæis, punctis costalibus albis.*

Male. Dark cupreous-brown, more cupreous beneath. Fore wings with several transverse very irregular chalybeous lines; costa with some white points. Hind wings dark cupreous. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus CHALENATA.

Fœm. Corpus gracile. Palpi porrecti, læves, caput non superantes; articulus 3us minimus. Antennæ validæ. Abdomen alas posticas non superans. Alæ latiusculæ; anticæ apice rotundatæ, margine exteriori convexo perobliquo.

Female. Body slender. Palpi porrect, smooth, not extending beyond the head; third joint extremely small. Antennæ stout. Abdomen not extending beyond the hind wings. Wings rather broad. Fore wings rounded at the tips; costa straight; exterior border convex, very oblique.

This genus is referred with doubt to the *Choreutidæ*. It has some resemblance to the *Acidalidæ* in the *Geometrites*.

1. CHALENATA MICACELLA.

Fœm. Nigro-fusca; alæ lineis plurimis indeterminatis e atomis chalybæis micantibus.

Female. Blackish brown. Wings with several undulating irregular incomplete lines composed of very minute glittering chalybeous speckles. Length of the body $1\frac{3}{4}$ line; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

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TINEA BIFLAVIMACULELLA.

biflavimaculella, *Clms.*

United States.

TINEA DORSISTRIGELLA.

dorsistrigella, *Clms.*

United States.

TINEA CROCICAPITELLA.

crocicapitella, *Clms.*

United States.

TINEA CARNARIELLA.carnariella, *Clms.*

United States.

TINEA LANARIELLA.lanariella, *Clms.*

United States.

TINEA NUBILIPENNELLA.nubilipennella, *Clms.*

United States.

TINEA VARIATELLA.variatella, *Clms.*

United States.

TINEA AFFLICTELLA.

Fœm. *Nigro-cinerea; caput hirsutum; palpi porrecti; abdomen obscure cinereum; alæ anticæ angustæ, apice rotundatæ, lineis tribus nigris punctularibus, 1a subcostali, 2a 3aque posticis; posticæ obscure cinereæ.*

Female. Blackish cinereous, slender. Head thickly clothed with short erect hairs. Palpi smooth, porrect, nearly as long as the breadth of the head; third joint acute, a little shorter than the second. Antennæ much shorter than the fore wings. Abdomen dark cinereous, extending for nearly its whole length beyond the hind wings. Legs long, slender. Wings narrow, with a very long fringe. Fore wings rounded at the tips, with three lines of black points, one near the costa, the other two near the interior border; exterior border very oblique. Hind wings dark cinereous. Length of the body 4 lines; of the wings 12 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

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TINEA IRRORELLA.irrorella, *Wltn.*

Madeira.

TINEA ABRUPTELLA.

abruptella, *Wltn.*

Madeira. Porto Santo.

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TINEA IGNOTELLA.

Fœm. Cupreo-fusca; palpi capitis latitudine non longiores, articulo 3o lanceolato; abdomen alas posticas longissime superans; tibiæ posticæ subfimbriatæ, guttis duabus discalibus nigricantibus; posticæ cinereæ.

Female. Cupreous-brown, cinereous beneath. Palpi slender, not longer than the breadth of the head; third joint lanceolate, as long as the second. Abdomen cinereous, extending very far beyond the hind wings. Hind tibiæ slightly fringed. Wings narrow, elongate. Fore wings slightly acute, with two blackish discal dots, of which the fore one is beyond the middle, and the hind one is a little nearer the base; exterior border extremely oblique. Hind wings cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Sierra Leone. From Mr. Foxcroft's collection.

TINEA REJECTELLA.

Cinereo-fusca; palpi porrecti, breves, graciles; alæ anticæ angustæ, acutæ, vitta postica abbreviata pallide flava; posticæ cinereæ.

Cinereous-brown. Body beneath, abdomen and legs cinereous. Palpi porrect, short, slender. Wings narrow. Fore wings acute; a pale yellow stripe along the interior border, not extending to the interior angle; exterior border slightly convex and oblique. Hind wings cinereous. Length of the body 2 lines; of the wings 5 lines.

a. Cape. From M. Dregé's collection.

TINEA INCULTELLA.

Alba; caput supra fasciculatum; palpi graciles, breves, articulo 3o nigricante brevissimo; thorax fusco conspersus; alæ anticæ angustæ, fusco nigroque subconsersæ, apice subrotundatæ, fasciis tribus indeterminatis fuscis.

White. Head tufted above with short erect hairs. Palpi smooth, slender, not extending beyond the head; third joint blackish, very short. Antennæ slender, a little more than half the length of the fore wings. Thorax speckled with brown. Fore wings narrow, slightly rounded at the tips, slightly speckled with brown and black; three indeterminate brown bands; second and third more incomplete and irregular than the first; exterior border slightly convex, rather oblique. Length of the body 3? lines; of the wings 8 lines.

a. Cape. From M. Dregé's collection.

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TINEA LONGICORNIS.

longicornis, *Sta.*

Calcutta.

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TINEA STRIGATELLA.

strigatella, *Dn.*

New South Wales.

TINEA INCONCISELLA.

Fœm. *Pallide ochracea; palpi pilosi, vix ascendentes, articulo 3o lanceolato; antennæ validæ; alæ anticæ angustæ, asperæ, strigulis plurimis transversis ferrugineis, squamis nonnullis guttisque tribus nigris; posticæ pallide cinereæ.*

Female. Pale dull ochraceous, cinereous beneath. Palpi hardly ascending, extending a little beyond the head; second joint pilose; third lanceolate, much shorter than the second. Antennæ rather stout. Thorax very thickly black-speckled. Abdomen pale cinereous, extending much beyond the hind wings; oviduct exserted. Fore wings narrow, somewhat rough, hardly acute, with many minute transverse ferruginous streaks; several black scales, some of which form three dots, one basal, the other two in the disk before the middle, one of them near the interior border. Hind wings pale cinereous. Length of the body 4 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

TINEA ARENATELLA.

Fœm. Albido-cinerea; palpi porrecti, articulo 2o subtus fimbriato, 3o lanceolato; alæ anticæ angustæ, acutæ, nigricante conspersæ et subplagiatae.

Female. Whitish cinereous, slender. Palpi slender, porrect, extending very little beyond the head; second joint fringed beneath; third lanceolate, as long as the second. Antennæ very slender, less than half the length of the fore wings. Abdomen extending very much beyond the hind wings. Legs smooth. Fore wings narrow, acute, irregularly blackish speckled; speckles here and there confluent and forming small patches. Length of the body 2 lines; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

TINEA? EGENELLA.

Fœm. Cinerea; palpi pilosi, oblique ascendentes, verticem non superantes; antennæ validæ, setulosæ; alæ anticæ apice rotundatæ, guttis plurimis fuscis diffusis indeterminatis.

Female. Cinereous, stout. Palpi obliquely ascending, not rising higher than the vertex; second joint pilose; third very short and slender. Antennæ stout, very minutely setulose. Fore wings rather short and broad, rounded at the tips, with many diffuse irregular brown dots; costa slightly convex towards the base; exterior border moderately oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

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TINEA VIVIPARA.

vivipara, Hon. A. W. Scott.

Australia.

TINEA ŒCOPHOROIDES.

Nivea; caput hirsutum; palpi nigricantes, capitis latitudine non longiores, articulo 3o lanceolato; abdomen cinereum; alæ anticæ sat angustæ, apice rotundatæ, punctis costalibus et marginalibus strigisque interruptis nigris, basi fasciisque duabus latis subconnexis cupreis; posticæ cupreæ.

Pure white. Head with short erect hairs. Palpi slender, mostly blackish, not longer than the breadth of the head; third joint lanceolate, much shorter than the second. Antennæ black, rather stout. Abdomen cinereous. Fore wings rather narrow, rounded at the tips, with a few black points in the disk and along the costa; some longitudinal interrupted black streaks towards the exterior border; base cupreous; two cupreous bands; first band broad, irregular, slightly connected with the second; second very broad, extending to the exterior border, including some white streaks which are contiguous to the black streaks; exterior border very oblique. Hind wings cupreous, paler along the costa; fringe gilded yellow. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

TINEA ADJUNCTELLA.

Cupreo-ferruginea; caput inter oculos et thorax antice alba; palpi fusci, porrecti, capitis latitudine breviores, articulo 2o subfimbriato, 3o subclavato apice albo; alæ anticæ fasciis tribus albis, 1a lata basali, 2a 3aque excavatis puncta fusca includentibus; posticæ cupreæ, fimbria aurato-flava.

Cupreous-ferruginous, yellowish cinereous beneath. Head between the eyes and fore part of the thorax white. Palpi dark brown, porrect, slender, shorter than the breadth of the head; second joint slightly fringed; third subclavate, white above towards the tip and beneath, more than half the length of the second. Fore wings with three white bands; first band broad, very near the base; second and third irregular, excavated, and containing some brown points. Hind wings cupreous-whitish along the costa; fringe pale gilded yellow. Length of the body 3 lines; of the wings 7 lines.

This species and *T. conjunctella* may be identical.

a. Moreton Bay. From Mr. Diggles' collection.

TINEA MYSTACINELLA.

Fœm. Alba; caput fasciculo porrecto penicillisque duobus lateralibus; palpi pallide flavescentes; pedes anteriores nigricante vittati; alæ anticæ apice rotundatæ, lituris posticis nigricantibus, strigis tribus costalibus obliquis plagaque apicali strigas duas atras includente cervinis; posticæ pallide cinereæ.

Female. White. Head with a porrect frontal tuft and with a fan-shaped tuft on each side. Proboscis very short. Palpi pale yellowish, smooth, slender, decumbent, shorter than the breadth of the head; third joint lanceolate, hardly half the length of the second. Antennæ shorter than the fore wings. Anterior legs with blackish stripes. Wings narrow. Fore wings rounded at the tips, with several irregular blackish marks along two-thirds of the length of the interior border, with three oblique fawn-coloured costal streaks, and with a fawn-coloured apical patch, which contains two curved deep black streaks. Hind wings pale cinereous; fringe very long. Length of the body 3 lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

TINEA COMPTELLA.

Mas. *Pallide flava; caput posticum purpureo marginatum; thorax purpureus; alæ anticæ apice rotundatæ, basi striga costali fasciisque duabus connexis purpureis; posticæ cupreæ.*

Male. Pale yellow, smooth, broad, purplish cupreous beneath. Head flat, very short, dark purple on each side and behind. Palpi porrect, smooth, slender, extending a little beyond the head; third joint elongate-conical, shorter than the second. Antennæ smooth. Thorax dark purple. Fore wings rounded at the tips, dark purple at the base and with two dark purple bands; first band oblique, broadest in front; second curved, joining the middle of the first band; a costal streak extending from the base nearly to the first band. Hind wings cupreous. Length of the body 4 lines; of the wings 10 lines.

a. Tasmania. From Mr. A. J. Smith's collection.

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TINEA BISIGNELLA.

Fœm. *Cupreo-fusca; caput antice pilosum, flavescens; palpi breves, graciles; alæ anticæ angustæ, apice rotundatæ, plaga costali albida.*

Female. Cupreous-brown, slender. Head yellowish and pilose in front. Palpi short, smooth, slender. Antennæ slender, nearly as long as the fore wings. Abdomen long. Legs smooth. Wings narrow. Fore wings rounded at the tips, with a whitish patch on

the costa beyond the middle; exterior border convex, oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

TINEA FUSILELLA.

Mas. Cuprea; palpi brevissimi; antennæ glabræ, sat validæ; pedes longiusculi, sat graciles; alæ anticæ angustæ, apice rotundatæ, vitta subfusiformi alba, fascia exteriori diffusa albida.

Male. Cupreous. Head with very short hairs. Palpi very short. Antennæ smooth, rather stout, much shorter than the fore wings. Abdomen extending for nearly its whole length beyond the hind wings. Legs rather long and slender. Wings narrow. Fore wings rounded at the tips, with a white subfusiform stripe extending from the base near the interior border to near the middle, where it is connected with a diffuse whitish band; exterior border extremely oblique. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

TINEA MAORIELLA.

Fœm. Cinerea, nitens; caput album; palpi brevissimi; alæ anticæ apice rotundatæ, linea basali brevi transversa fasciisque duabus obscure cinereis, fasciis nigro unipunctatis.

Female. Cinereous, shining. Head white. Palpi very short. Fore wings rounded at the tips, with a short transverse dark cinereous line near the base, and with two dark cinereous bands, each of which contains a black point; space along the exterior border with black speckles. Length of the body 1 line; of the wings $2\frac{1}{2}$ lines.

a—c. New Zealand. Presented by Col. Bolton.

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INCURVARIA RUSSATELLA.

russatella, *Clms.*

United States.

INCURVARIA ACERIFOLIELLA.

acerifoliella, *Fitch.*

United States.

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Genus COMPSOCTENA.

Compsoctena, *Zl.*

1. COMPSOCTENA PRIMELLA.

primella, *Zl.*

Africa.

Genus BRACHYTÆNIA.

Brachytænia, *St.*

BRACHYTÆNIA VIGILACIELLA.

vigilaciella, *Fitch.*

United States.

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For Genus 33. EDDARA (nomen bis lectum) read Genus 33. BAZIRA.

For 1. EDDARA XYLINELLA read 1. BAZIRA XYLINELLA.

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1. RUPELA ALBINELLA.

albinella, *Cr.—nivea*, p. 524.

Surinam.

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Genus PATULA.

Patula, *Bruand.*

1. PATULA ASPERIPUNCTELLA.

asperipunctella, *Bruand.*

Genus **CHRYSOPORA.**

Chrysopora, Clms.—*Nomia, Clms. olim.*

1. **CHRYSOPORA LINGULACELLA.**

lingulacella, Clms.

United States.

Genus **XYLESTHIA.**

Xylesthia, Clms.

1. **XYLESTHIA PRUNIRAMIELLA.**

pruniramiella, Clms.

United States.

Genus **AMYDRIA.**

Amydria, Clms.

1. **AMYDRIA EFFRENTELLA.**

effrentella, Clms.

United States.

Genus **ANAPHORA.**

Anaphora, Clms.

1. **ANAPHORA POPEANELLA.**

popeanella, Clms.

United States.

2. **ANAPHORA PLUMIFRONTELLA.**

plumifrontella, Clms.

United States.

3. **ANAPHORA ARCANELLA.**

arcanella, Clms.

United States.

Genus **DIACHORISIA.**

Diachorisia, Clms.

1. DIACHORISIA VELATELLA.

velatella, *Clms.*

United States.

Genus EUDARCIA.

Eudarcia, *Clms.*

This genus is referred with doubt to the *Tineidæ*.

1. EUDARCIA STIMULATRICELLA.

stimulatricella, *Clms.*

United States.

Genus TONZA.

Mas. Corpus gracile. Caput prominulum. Fasciculus frontalis conicus. Proboscis nulla. Palpi graciles, læves, porrecti, vix ascendentes; articulus 3us lanceolatus, 2o vix brevior. Antennæ glabræ, alis anticis non breviores. Pedes læves, gracillimi; calcaria longissima. Alæ anticæ longæ, apice subrotundatæ.

Male. Body slender. Head prominent. Frontal tuft conical, extending somewhat beyond the head. Proboscis obsolete. Palpi porrect, hardly ascending, smooth, slender, extending beyond the head; third joint lanceolate, nearly as the second. Antennæ smooth, full as long as the fore wings. Abdomen extending somewhat beyond the hind wings. Legs smooth, very slender; spurs very long. Wings long. Fore wings slightly rounded at the tips, slightly widening from the base to the interior angle; exterior border slightly oblique, hardly concave.

Type, *T. purella*.

1. TONZA PURELLA.

Mas. Subflavescente-nivea; abdomen niveum; alæ anticæ cinereo transverse conspersæ, puncto subapicali nigro, fimbria fusca; posticæ niveæ.

Male. Pure white. Thorax and fore wings with a very slight yellowish tinge. Fore wings transversely speckled with cinereous; a subapical black point; fringe brown. Length of the body 3 lines; of the wings 9 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

2. TONZA? CIRCUMDATELLA.

Mas. *Alba*; *fasciculus frontalis subtus ochraceus*; *palpi lineares, oblique ascendentes, capitis latitudine plus duplo longiores, articulo 3o brevi subtus ochraceo*; *antennæ subcrenulatæ, alis anticis multo breviores*; *alæ anticæ acutæ, linea marginali ochracea*.

Male. White. Frontal tuft ochraceous beneath. Palpi linear, obliquely ascending, more than twice longer than the breadth of the head; third joint ochraceous beneath, rounded at the tip, much shorter than the second. Antennæ stout, minutely crenulate, much shorter than the fore wings. Abdomen extending much beyond the hind wings; apical tuft somewhat radiating. Fore wings acute, bordered by an ochraceous line, which is indistinct along the exterior part of the costa; exterior border straight, moderately oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Sydney From Mr. Lambert's collection.

Genus MANLIANA.

Mas. *Corpus gracile. Capitis fasciculus bene determinatus. Proboscis nulla. Palpi porrecti, læves, graciles, capitis latitudine non longiores; articulus 3us lanceolatus, 2o valde brevior. Antennæ graciles, subcrenulatæ, subpubescentes. Abdomen alas posticas sat superans. Pedes longiusculi, sat graciles; tibiæ posticæ fimbriatæ. Alæ anticæ lanceolatæ, acutæ, margine exteriori subrecto per-obliquo.*

Male. Body slender. Head above with a porrect rather long tuft. Proboscis obsolete. Palpi porrect, smooth, slender, not longer than the breadth of the head; third joint lanceolate, much shorter than the second. Antennæ slender, slightly crenulated and pubescent. Abdomen extending somewhat beyond the hind wings. Legs rather long and slender; hind tibiæ fringed; spurs long. Wings narrow. Fore wings lanceolate, acute; exterior border almost straight, very oblique.

1. MANLIANA ASTRICTELLA.

Mas. *Argenteo-alba; abdomen obscure cinereum; alæ anticæ vitta tenui costali cupreo-fusca; posticæ æneo-cinereæ.*

Male. Silvery white. Abdomen and wings beneath dark cinereous. Fore wings with a slender cupreous-brown costal stripe, which extends to the tip. Hind wings æneous-cinereous. Length of the body 5 lines; of the wings 14 lines.

a, b. Sydney. From Mr. Lambert's collection.

Genus DEUA.

Fœm. Corpus robustum. Palpi porrecti, sat graciles, capitis latitudine multo breviores; articulus 3us lanceolatus, 2o brevior. Antennæ glabræ, breviusculæ, sat validæ. Alæ anticæ latæ, apice subrotundatæ, costa margineque exteriori vix convexis, margine exteriori perobliquo.

Female. Body robust. Palpi porrect, rather slender, much shorter than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ smooth, rather short and stout. Wings broad. Fore wings slightly rounded at the tips; costa and exterior border very slightly convex, the latter moderately oblique.

1. DEUA IMBUTANA.

Fœm. *Purpurascente-cuprea; alæ anticæ litura discali transversa nigra elongata ochraceo marginata.*

Female. Purplish cupreous, cinereous-cupreous beneath. Antennæ pale cinereous. Fore wings with a transverse black elongated ochraceous-bordered discal mark. Length of the body 2 lines; of the wings $5\frac{1}{2}$ lines.

a. Ega. From Mr. Bates' collection.

Genus MÆPHA.

Mas. Corpus robustum. Proboscis mediocris. Palpi porrecti, graciles, læves, acuti, caput non superantes. Antennæ robustæ, pubescentes, setulosæ, vix moniliformes. Abdomen alas posticas sat superans, fasciculo apicali et sexualibus maximis. Pedes validi, læves, calcaribus robustis. Alæ anticæ elongatæ, apice rotundatæ, margine exteriori subconvexo sat obliquo.

Male. Body stout. Proboscis distinct. Palpi porrect, slender, smooth, acute, not extending beyond the head. Antennæ stout, pubescent, setulose, hardly moniliform. Abdomen extending somewhat beyond the hind wings; apical appendages and tuft very

large. Legs stout, smooth; spurs stout, moderately long. Wings elongate. Fore wings rounded at the tips; exterior border slightly convex, rather oblique.

1. *MÆPHA OPULENTANA*.

Mas. *Aurato-flava*; *caput antice nigrum*; *thoracis discus anticus cyaneus*; *alæ anticæ bifasciatæ*, *fascia 1a purpurea cyaneo varia*, *2a aurata*; *posticæ pallidissime luteæ*, *fusco marginatæ*.

Male. Gilded yellow. Head gilded above, black and shining in front. Disk of the fore part of the thorax chalybeous-blue. Abdomen very pale luteous. Fore wings with two bands; first band purple, varied with blue; second gilded. Hind wings very pale luteous, with a brown border, which widens from the interior angle to the tips. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

Genus *VOBRIX*.

Fæm. Corpus sat robustum. Proboscis obsoleta. Palpi porrecti, caput vix superantes; articulus 3us brevissimus. Antennæ sat validæ. Abdomen depressum, alas posticas superans. Pedes validi; tibiæ posticæ quadricalcaratæ. Alæ anticæ elongatæ, sat angustæ, apice rotundatæ, costa convexa.

Female. Body rather stout. Proboscis obsolete. Palpi porrect, hardly extending beyond the head; third joint very short. Antennæ rather stout. Abdomen depressed, extending beyond the hind wings, slightly attenuated; oviduct exerted. Legs smooth, stout; hind tibiæ with four long spurs. Wings elongate, rather narrow. Fore wings rounded at the tips; costa and exterior border convex, the latter moderately oblique.

1. *VOBRIX INNOTATA*.]

Fæm. *Cervina*; *alæ subtus fuscescentes*; *anticæ postice posticæque cinereæ*.

Female. Fawn-colour. Wings brownish beneath. Fore wings hindward and hind wings somewhat cinereous. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus SAPTHA.

Mas. Corpus robustum. Proboscis nulla. Palpi læves, graciles, porrecti, caput vix superantes; articulus 3us linearis, 2o brevior. Antennæ latæ, compressæ, squamosæ. Tibiæ posticæ calcaribus quatuor longis. Alæ anticæ sat angustæ, apice subrotundatæ, margine exteriori subconvexo sat obliquo.

Male. Body stout. Proboscis obsolete. Palpi smooth, slender, porrect, hardly extending beyond the head; third joint linear, shorter than the second. Antennæ broad, compressed, squamous. Legs smooth, stout, squamous; hind tibiæ with four long spurs. Wings rather narrow. Fore wings slightly rounded at the tips; costa straight; exterior border slightly convex, rather oblique.

1. SAPTHA DIVITIOSA.

Mas. *Viridis, micans; antennæ nigrae; tarsi nigri, albo fasciati; alæ anticæ linea media arcuata nigra, dimidio basali cupreo lituris viridibus nigro marginatis includente, lituris basalibus nigris, margine exteriori atro; posticæ flavæ, nigro late marginatæ, fimbria albido-cinerea.*

Male. Brilliant metallic-green. Antennæ black. Thorax with two purplish cupreous stripes. Tarsi black, with white bands. Fore wings with the basal half cupreous, divided from the exterior half by an inward-curved black line, and containing a few basal black marks, a green costal streak, an elongated green ringlet proceeding from the base, and a transverse green black-bordered streak extending from the costa to the disk; exterior border deep black. Hind wings yellow, with a broad black border; two black lines, one subcostal, the other near the interior border; fringe whitish cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Ceram. From Mr. Wallace's collection.

Genus ASCHA.

Fæm. Corpus gracile. Fasciculus frontalis productus, lævis, squamosus. Proboscis mediocris. Palpi porrecti, squamosi, rostriformes, capitis latitudine paullo longiores; articulus 3us lanceolatus, 2i dimidio non brevior. Antennæ articulo 1o crasso. Tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ vix acutæ, fasciculo costali squamoso, margine exteriori subconvexo subobliquo.

Female. Body slender. Frontal tuft prominent, smooth, squamous. Proboscis moderately long. Palpi porrect, rostriform, squamous, hardly curved downward, a little longer than the breadth of the head; third joint lanceolate, full half the length of the second. Antennæ smooth; first joint thick. Abdomen hardly extending beyond the hind wings. Legs moderately long and stout; hind tibiæ with four very long spurs. Wings moderately broad. Fore wings hardly acute, with a squamous tuft on the middle of the costa, which is nearly straight; exterior border slightly convex and oblique.

1. ASCHA RECONDITANA.

Fœm. Cupreo-nigra; caput viride; proboscis fulva; alæ anticæ lituris nonnullis marginalibus viridi nitentibus; posticæ luteæ, margine lato nigro-cupreo, striga obliqua coccinea marginem versus dilatata.

Female. Cupreous-black. Head and palpi mostly metallic-green. Proboscis tawny. Fore wings tinged here and there with metallic-green along the borders. Hind wings luteous, with a blackish cupreous border, which is very broad about the tips; a crimson streak, which is attenuated towards the disk, from whence it extends to the exterior border. Length of the body $3\frac{1}{2}$ lines; of the wings $8\frac{1}{2}$ lines.

a. Ega. From Mr. Bates' collection.

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10. HYPONOMEUTA MULTIPUNCTELLUS.

multipunctella, *Clms.*—ordinatellus, p. 530.

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PSECADIA ABRAXASELLA.

Fœm. Alba; palpi nigro bifasciati, capitis latitudine non longiores; thorax fasciis duabus guttularibus nigris; abdomen æneo-cinereum; tibiæ anteriores tarsique pallide lutea, nigro fasciata; tibiæ posticæ fimbriatæ; alæ anticæ sat angustæ, apice rotundatæ, strigis transversis nigris, plagis duabus fascia exteriori lineaque marginali fuscis, lituris duabus luteis; posticæ purpureo-cinereæ.

Female. White, stout. Palpi smooth, curved, with two black bands, not longer than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ stout, much shorter than the fore wings. Thorax with two black bands, each composed of four dots. Abdomen æneous-cinereous, extending a little beyond the hind wings. Tarsi and anterior tibiæ pale luteous, with black bands; hind tibiæ fringed. Fore wings rather narrow, rounded at the tips, with some transverse black streaks; two elongated brown patches; one on the interior border broader than the other, which is costal and is connected with an irregular oblique exterior brown band, which extends nearly to the interior angle; marginal line brown; a luteous mark on the inner side of the hind brown patch, and another on the fore part of the exterior border, the latter is convex and slightly oblique. Hind wings purplish cinereous; fringe white. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. St. Domingo. From Mr. Tweedie's collection.

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PLUTELLA VIGILACIELLA.

vigilaciella, *Clms.*

United States.

PLUTELLA LIMBIPENNELLA.

limbipennella, *Clms.*

United States.

PLUTELLA MOLLIPEDELLA.

mollipedella, *Clms.*

United States.

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CEROSTOMA BRASSICELLA.

brassicella, *Fitch.*

United States.

CEROSTOMA RUGOSELLA.

rugosella, *Sta.*

Calcutta.

CEROSTOMA ALBOFASCIELLA.*albofasciella, Sta.*

Calcutta.

Genus CHÆTOCHILUS.*Chætochilus, St.***1. CHÆTOCHILUS ? POMETELLUS.***pometellus, Fitch.*

United States.

CHÆTOCHILUS ? MALIFOLIELLUS.*malifoliellus, Fitch.*

United States.

CHÆTOCHILUS ? CONTUBERNATELLUS.*contubernatellus, Fitch.*

United States.

CHÆTOCHILUS ? TRIMACULELLUS.*trimaculellus, Fitch.*

United States.

CHÆTOCHILUS ? VENTRELLUS.*ventrellus, Fitch.*

United States.

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GELECHIA TARQUINIELLA.*Tarquiniella, Sta.***GELECHIA MYRICARIELLA.***myricariella, Reutti.***GELECHIA CAULIGENELLA.***cauligenella, Schmid.*

GELECHIA ? OSSEELLA.

osseella, *Sta.*

GELECHIA PISTICELLA.

pisticella, *Hdn., Nowicki.*

GELECHIA WAGÆ.

Wagæ, *Nowicki.*

GELECHIA KNERI.

Kneri, *Nowicki.*

GELECHIA TUSSILAGINIS.

tussilaginis, *Fy.*

GELECHIA FARINOSÆ.

farinosæ, *Fy.*

GELECHIA PALERMITELLA.

palermitella, *De la Harpe.*

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GELECHIA ROBINIELLA.

robiniella, *Fitch.*

United States.

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GELECHIA ATTENUATELLA.

Cuprea; palpi gracillimi, capitis latitudine triplo longiores; alæ anticæ perangustæ, fascia lata ochracea chalybæo marginata, linea marginali chalybæa; posticæ fimbria longissima.

Cupreous. Palpi smooth, very slender, about thrice longer than the breadth of the head; third joint setiform, nearly as long as the second. Abdomen, legs and hind wings cinereous. Tibiæ and tarsi with silvery bands. Fore wings very narrow, with a broad ochraceous band beyond the middle, bordered by two chalybeous glittering lines; a chalybeous line along the exterior border, which is extremely oblique. Hind wings extremely narrow, with a very long fringe. Length of the body 2 lines; of the wings 5 lines.

a. Jamaica. From Mr. Gosse's collection.

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GELECHIA NIVILITURELLA.

Mas et fœm. *Cupreo-fusca, subtus alba; caput antice album; palporum articulus 3us æneus; alæ anticæ costa, apice, linea transversa subobliqua vix arcuata fimbriaque albis; posticæ fimbria apices versus alba.*

Closely allied to *G. succinctella*. *Male and female*.—Cupreous-brown, stout. Head in front, body beneath, palpi and legs silvery white. Palpi much longer than the breadth of the head; third joint æneous, setiform, much shorter than the second. Fore wings rather broad, rounded at the tips; costa white; a slightly oblique hardly curved line beyond the middle; fringe white, brown hindward, and intersected by a brown line; tips white, including three brown points, which are partly connected with the brown hue of the wing. Hind wings with the fringe whitish towards the tips. Length of the body $2\frac{1}{2}$ —3 lines; of the wings 6—8 lines.

a, b. Ega. From Mr. Bates' collection.

GELECHIA SEVECTELLA.

Fœm. *Schistacea; caput argenteo-cinereum; palpi capitis latitudine triplo longiores, articulo 2o fimbriato; alæ angustæ, subacutæ, costa argenteo-cinerea, guttis tribus nigricantibus albido marginatis, gutta discali elongata punctisque marginalibus nigris, lineis submarginali et marginali nigris; posticæ nigro-cinereæ.*

Female. Slaty cinereous, slender. Head, palpi and legs silvery cinereous. Palpi thrice longer than the breadth of the head; second joint with a porrect lanceolate fringe; third as long as the second. Abdomen extending very far beyond the hind wings. Wings narrow. Fore wings slightly acute, silvery cinereous along the costa; three black whitish-bordered dots in the disk; an elongated black dot on the exterior part of the costa; apical part of the costa and exterior border with black points; submarginal line and marginal line whitish, the former slightly curved; exterior border convex, very oblique. Hind wings blackish cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

GELECHIA DISCATELLA.

Mas. *Cuprea, sat robusta; caput et abdomen nigra; palpi capitis latitudine multo longiores; antennæ flavo-albæ, sat robustæ, alis anticis non breviores; alæ anticæ vitta furcata flavo-alba, strigis duabus obliquis argenteis, fimbria albida.*

Male. Cupreous, rather stout. Head and abdomen black. Palpi smooth, much longer than the breadth of the head; third joint lanceolate, about half the length of the second. Antennæ yellowish white, rather stout, as long as the fore wings. Hind tibiæ pubescent; hind tarsi with silvery bands. Fore wings narrow, acute, with a yellowish white band, which extends along the middle of the disk from the base to the tip, near which it is cleft; two silvery oblique streaks extending from the costa to the stripe, one at two-thirds of the length, the other subapical; fringe whitish, except at the tip of the wing. Length of the body 2 lines; of the wings 5 lines.

a. Ega. From Mr. Bates' collection.

GELECHIA SEXGUTTELLA.

Mas. *Viridis, nitens, sat robusta, subtus argentea; palpi gracilissimi, capitis latitudine plus duplo longiores; alæ anticæ angustæ, peracutæ, guttis tribus atris ochraceo marginatis, fascia marginali ochracea, lineola subapicali longitudinali costaque exteriori cupreis; posticæ cupreæ.*

Nearly allied to *G. exteriorella*. *Male.*—Metallic-green, rather stout, silvery beneath. Palpi smooth, very slender, more than twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ slender, much shorter than the fore wings. Hind legs elongate; knees white; tibiæ setose, with a silvery band. Wings narrow; fringe very long. Fore wings very acute, with three deep black ochraceous-bordered dots; an ochraceous marginal band intersected in front by a cupreous line, which is nearly parallel to the costa; exterior part of the costa cupreous; exterior border extremely oblique. Hind wings cupreous. Length of the body 2 lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

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GELECHIA? AURIFEREILLA.

Pallide aurato-flava, subtus argenteo-alba; palpi gracillimi, capitis latitudine fere duplo longiores; abdomen cinereum; alæ anticæ striga basali, fascia media fasciæque marginali cupreis; posticæ cinereæ.

Pale gilded yellow, silvery white beneath. Palpi smooth, very slender, nearly twice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ slender. Abdomen and hind wings cinereous. Wings narrow; fringe very long. Fore wings with a cupreous streak along the base of the costa, and with two cupreous bands; first band in the middle; second apical. Length of the body 3 lines; of the wings 7 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

GELECHIA GEMMATELLA.

Mas. *Cuprea; caput antice argenteo-cinereum; alæ anticæ acutæ, fascia basali argentea, strigis transversis costalibus albidis purpureo micantibus.*

Male. Cupreous, slender. Head in front, palpi and legs silvery cinereous. Palpi smooth, longer than the breadth of the head; third joint shorter than the second. Abdomen extending much beyond the hind wings, with silvery bands beneath. Tibiæ and tarsi with cupreous rings. Wings moderately broad. Fore wings acute, with a broad silvery whitish band near the base; a row of transverse whitish shining purple-tinged streaks along the costa; exterior border slightly convex, very oblique. Length of the body $1\frac{1}{2}$ line; of the wings 3 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

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GELECHIA ANIMOSELLA.

Mas. *Argenteo-alba; palpi capitis latitudine triplo longiores; alæ anticæ angustæ, apices versus aurato-ochraceæ, puncto apicali nigro.*

Male. Silvery white, slender. Palpi smooth, slender, full thrice longer than the breadth of the head; third joint setiform, very little shorter than the second. Antennæ slender. Hind legs long. Wings narrow. Fore wings gilded ochraceous towards the tips, with a black apical point. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. Ceylon. Presented by Dr. Templeton.

GELECHIA ALTERNELLA.

Fœm. *Ferrugineo-fusca; caput antice argenteo-cinereum; palpi capitis latitudine plus duplo longiores, articulo 2o fimbria securiformi; pedes robusti, tibiis posticis squamoso-pilosis; alæ anticæ acutæ, nigricante conspersæ, punctis costalibus et marginalibus nigris; posticæ æneo-fuscæ.*

Female. Ferruginous-brown. Head in front and under side silvery cinereous. Palpi more than twice longer than the breadth of the head; second joint with a thick securiform fringe; third setiform, very slender, longer than the second. Antennæ much shorter than the fore wings. Legs stout; hind tibiæ with squamous hairs. Fore wings acute, moderately broad, transversely and minutely blackish-speckled; costa with six or seven distinct oblique black points, of which the last is a little beyond the middle; some minute black points along the apical part of the costa and along the exterior border, which is straight and rather oblique. Hind wings æneous-brown. Length of the body 5 lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

GELECHIA OBLIGATELLA.

Fœm. *Fuscescente-cinerea; palpi pallide cinerei; alæ anticæ sat angustæ, apice rotundatæ, maculis duabus maximis cupreo-fuscis, striga apicali parva fusca.*

Female. Brownish cinereous. Palpi pale cinereous, smooth, slender, more than twice longer than the breadth of the head; third joint as long as the second. Fore wings rather narrow, rounded at the tips, with two very large cupreous-brown spots; first spot interior, nearly triangular, resting on the interior border, not extending to the costa; second spot exterior, triangular, one of its angles discal, another costal, and the third on the interior border; a minute

brown apical streak. Length of the body $1\frac{1}{2}$ line; of the wings 5 lines.

a. Ceylon. Presented by Dr. Templeton.

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GELECHIA SIMPLEXELLA.

Cuprea; palpi gracillimi, capitis latitudine duplo longiores; abdomen cinereum; alæ anticæ angustæ, apice rotundatæ, linea alba postmedia transversa interrupta subangulosa.

Cupreous. Palpi smooth, very slender, about twice longer than the breadth of the head. Abdomen legs and hind wings cinereous. Fore wings narrow, rounded at the tip, with a white slightly zigzag transverse interrupted line at a little beyond two-thirds of the length. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. Moreton Bay. From Mr. Diggles' collection.

GELECHIA TERRELLA.

Mas. *Fusco-cinerea*; caput albidum; palpi pubescentes; antennæ setulosæ; abdomen alas posticas longissime superans; tibiæ posticæ pilosæ; alæ anticæ nigro conspersæ et strigatæ; posticæ cinereæ, fimbria subcervina.

Male. Brownish cinereous, more cinereous beneath. Head whitish. Palpi pubescent, nearly twice longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ minutely setulose, very much shorter than the fore wings. Abdomen extending for its whole length beyond the hind wings. Hind tibiæ pilose. Fore wings acute, narrow, minutely speckled with black; some small irregular longitudinal black streaks; exterior border extremely oblique. Hind wings cinereous; fringe very long, tinged with fawn-colour. Length of the body 3 lines; of the wings 7 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

GELECHIA BISTELLELLA.

Mas. *Atra; antennæ crenulatæ; abdomen nigricans, alas posticas vix superans; pedes albido fasciati; alæ anticæ gutta discali argentea; posticæ nigro-cinereæ.*

Male. Deep black, blackish cinereous beneath. Palpi smooth, nearly twice longer than the breadth of the head; third joint setiform, nearly as long as the second. Antennæ crenulated. Abdomen blackish, hardly extending beyond the hind wings. Legs stout, smooth. Tibiæ and tarsi with whitish bands. Fore wings rather narrow, rounded at the tips, with a silvery white dot in the middle of the disk; exterior border nearly straight, moderately oblique. Hind wings blackish cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

GELECHIA? RUTILELLA.

Fœm. *Cuprea, micans; caput læve; abdomen attenuatum, oviductu exserto; alæ anticæ perangustæ, cyaneo-viridi purpureoque micantes; posticæ nigro-cupreæ.*

Female. Brilliant cupreous. Head smooth. Abdomen lanceolate, attenuated, extending for its whole length beyond the hind wings; oviduct exserted. Wings very narrow; fringe long. Fore wings varied exteriorly with glittering blue, green and purple. Hind wings blackish cupreous. Length of the body 3 lines; of the wings 6 lines.

a. Sydney. From Mr. Lambert's collection.

GELECHIA ABOLITELLA.

Mas. *Obscure cuprea; palpi capitis latitudine duplo longiores; antennæ subcrenulatæ; tibiæ posticæ subfimbriatæ; alæ anticæ angustæ, apice rotundatæ; posticæ cinereæ.*

Male. Dark cupreous, cinereous beneath. Palpi slender, twice longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ indistinctly crenulated. Abdomen extending very far beyond the hind wings. Hind tibiæ slightly fringed. Fore wings narrow, rounded at the tips; exterior border

convex, very oblique. Hind wings cinereous; fringe very long. Length of the body 2 lines; of the wings 5 lines.

a. Australia? Presented by the Entomological Club.

GELECHIA SUBACTELLA.

Fœm. *Cinerea*; *palpi capitis latitudine fere duplo longiores, articulo 2o pubescente; thorax striga media furcata strigisque duabus lateralibus nigricantibus; alæ anticæ angustæ, apice rotundatæ, atomis, strigis longitudinalibus vittaque abbreviata albido strigata nigris.*

Female. Dark cinereous, whitish beneath. Palpi nearly twice longer than the breadth of the head; second joint pubescent; third slender, shorter than the second. Thorax with three blackish streaks, the middle one forked hindward. Abdomen pale cinereous. Joints of the tarsi blackish, with pale tips; hind tibiæ fringed. Fore wings narrow, rounded at the tips, thickly blackish-speckled, with some longitudinal black streaks, and with a blackish stripe, which is dilated and abbreviated exteriorly, and contains a short slender whitish streak; exterior border slightly convex, very oblique. Length of the body 6 lines; of the wings 14 lines.

a. Australia? Presented by the Entomological Club.

GELECHIA VACATELLA.

Mas. *Cinereo-cervina*; *caput cupreo vittatum; palpi capitis latitudine duplo longiores; abdomen cupreum; alæ anticæ angustæ, acutæ, fusco nigroque conspersæ, lituris costalibus strigaeque exteriore obliqua nigris, vitta diffusa nigricante; posticæ cinereæ.*

Male. Cinereous fawn-colour, cinereous beneath. Head with a cupreous stripe. Palpi smooth, twice longer than the breadth of the head; third joint slender, nearly as long as the second. Abdomen cupreous, extending far beyond the hind wings; apical appendages rather large. Fore wings narrow, acute, with brown and black speckles, of which there are very few towards the costa; some elongated black marks on the costa; an oblique black streak extending from the tip along part of the exterior border; a diffuse blackish stripe extending from the base near the interior border; exterior border extremely oblique. Hind wings cinereous; fringe very long. Length of the body 4 lines; of the wings 9 lines.

a. Australia? Presented by the Entomological Club.

GELECHIA ADACTELLA.

Fœm. Cuprea; palpi capitis latitudine duplo longiores, articulo 2o apice subfimbriato; abdomen cinereum; alæ anticæ albæ, subacutæ, vitta costali cuprea interrupta abbreviata albo conspersa, spatio apicali cupreo; posticæ basi albido-cinereæ.

Female. Cupreous, silvery white beneath. Palpi slender, twice longer than the breadth of the head; second joint slightly fringed in front at the tip; third shorter than the second. Abdomen cinereous, extending very far beyond the hind wings. Tibiæ and tarsi with brown bands. Fore wings narrow, white, slightly acute, with an interrupted and abbreviated cupreous white-speckled costal stripe; apical space cupreous; exterior border extremely oblique. Hind wings whitish cinereous towards the base. Length of the body 3 lines; of the wings 7 lines.

a. Australia? Presented by the Entomological Club.

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GELECHIA APPARITELLA.

Fœm. Aurato-ochracea; caput antice argenteo-albidum; palpi capitis latitudine plus triplo longiores; antennæ nigro annulatae; alæ anticæ linea basali lineaque transversa angulata albis, lineis duabus exterioribus albis angulatis nigro marginatis, 1a nigra, 2a alba; posticæ cinereo-æneæ.

Female. Gilded ochraceous, slender. Head in front and under side silvery whitish. Palpi smooth, very slender, more than thrice longer than the breadth of the head; third joint setiform, as long as the second. Antennæ slender, silvery white, shorter than the fore wings, with a black ring on each joint. Tibiæ and tarsi with gilded bands. Fore wings with a silvery white line extending from the base towards a transverse outwardly and very acutely angular white line; two more exterior oblique white black-bordered lines, the first forming two angles, the second forming an outward acute and very prominent angle; two longitudinal subapical streaks, one black, the other white. Hind wings cinereous-æneous. Length of the body 3 lines; of the wings 9 lines.

a. New Zealand. Presented by Col. Bolton.

GELECHIA COPIOSELLA.

Mas. *Atra*; *antennæ crenulatæ*; *pedes albido fasciati*; *alæ anticæ sat angustæ, apice rotundatæ, gutta media argenteo-alba*; *posticæ nigro-cinereæ*.

Male. Blackish, dark cinereous beneath. Palpi nearly twice longer than the breadth of the head; second joint thickly fringed beneath; third setiform, much shorter than the second, with two minute black tufts, one at the base, the other in the middle. Antennæ rather stout, much shorter than the fore wings. Abdomen long, slightly tapering; hind borders of the segments cinereous; apical tuft long. Legs rather long; tips of the tarsal joints pale cinereous. Fore wings moderately broad, slightly acute, clouded and streaked with cinereous; marginal line cinereous; exterior border slightly convex, moderately oblique. Hind wings dark æneous. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

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PARASIA? APICIPUNCTELLA.

apicipunctella, *Sta.*

Calcutta.

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YPSOLOPHUS? LIGULELLUS.

ligulella, *Hb.*

United States.

Page 668.

Dele 20. PLEUROTA EXIMIA.

Page 675.

ŒCOPHORA MARMOROSELLA.

marmorosella, *Wltn.*

Madeira. Porto Santo. Northern Deserta.

ÆCOPHORA OCHROPALPELLA.

ochropalpella, *Wltn.*

Madeira.

ÆCOPHORA SUBGANOMELLA.

subganomella, *Sta.*

Calcutta.

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ÆCOPHORA QUADRATELLA.

Purpureo-cuprea; caput aurato-flavum; alæ anticæ plaga magna subquadrata, guttis duabus costalibus guttaque postica aurato-flavis, fimbria flavo strigata.

Purplish cupreous. Head gilded yellow. Antennæ much shorter than the fore wings. Fore wings rounded at the tips, with a large subquadrate gilded yellow patch, which extends along nearly half the length of the interior border from the base, and occupies three-fourths of the breadth; two exterior yellow costal dots, the exterior one opposite a yellow dot on the interior border; a yellow streak on the exterior part of the fringe, not extending to the tip nor to the interior angle. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

ÆCOPHORA TRANSLATELLA.

Pallide aurato-flava; thorax purpureo fasciatus; alæ anticæ latiusculæ, vix acutæ, lineis duabus transversis purpurascentibus, margine exteriore vix purpurascente; posticæ æneæ.

Pale gilded yellow. Palpi smooth, slender, nearly twice longer than the breadth of the head; third joint setiform, as long as the second. Legs smooth. Thorax with a purplish band in front. Wings rather broad. Fore wings hardly acute, with a purplish transverse hardly outward-curved line before the middle; another purplish inward-curved line near the exterior border, which is slightly purplish-tinged; under side and hind wings æneous. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

ÆCOPHORA HONORATELLA.

Fœm. *Argenteo-alba; palpi capitis latitudine duplo longiores; thorax fascia maculaque postica purpureis; alæ anticæ cupreæ, basi fascia maculisque duabus albis; posticæ æneæ.*

Female. Silvery white. Palpi smooth, slender, full twice longer than the breadth of the head; third joint shorter than the second. Thorax with a purple band in front, and with a purple spot hindward. Abdomen cinereous. Tibiæ with a broad cupreous band; tarsi cupreous, with white-tipped joints. Fore wings cupreous, moderately broad, rounded at the tips, white at the base, with a white band before the middle, and with three exterior white spots; two spots costal, the third on the interior border; second costal spot much larger than the first; exterior border slightly convex, very oblique. Hind wings æneous; fringe long. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

ÆCOPHORA COMPOSITELLA.

Fœm. *Nigro-cuprea; caput antice album; palpi capitis latitudine duplo longiores, articulo 2o piloso, 3o nigro apice albo; alæ anticæ sat angustæ, apice rotundatæ, maculis duabus costalibus una discali obliqua punctoque marginali albis; posticæ cinereæ.*

Female. Blackish cupreous. Head in front and under side white. Palpi twice longer than the breadth of the head; second joint pilose in front; third black, except at the base, as long as the second. Abdomen cinereous. Tibiæ and tarsi with blackish cupreous bands. Fore wings rather narrow, rounded at the tips, with three white spots; first and third spots costal, transverse; first much longer than the second; third oblique, in the disk between the first and the second; a white point in the fore part of the exterior border, and a small white mark near the interior angle; exterior border slightly convex, very oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Australia?

ÆCOPHORA RETRACTELLA.

Cupreo-purpurea; caput antice et corpus subtus argenteo-alba; alæ anticæ apice rotundatæ, fascia obliqua latissima ante media aurato-flava; posticæ cupreæ, angustæ.

Cupreous-purple. Head in front, body beneath, palpi, antennæ and legs silvery white. Antennæ much shorter than the fore wings. Fore wings rounded at the tips, with a very broad oblique gilded yellow band, which is very near the base. Hind wings cupreous, narrow; fringe very long. Length of the body 2—2½ lines; of the wings 6—7 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

ÆCOPHORA ACUTELLA.

Fœm. Argenteo-alba; caput et thorax aurato-flava; palpi capitis latitudine multo longiores; abdomen alas posticas longe superans; alæ anticæ acutæ, vittis duabus auratis, 1a maculam strigasque duas emittente, 2o lineolam albam includente; posticæ æneo-cinereæ.

Female. Silvery white. Head and thorax gilded yellow. Palpi smooth, much longer than twice the breadth of the head; third joint very slender, shorter than the second. Abdomen extending much beyond the hind wings. Hind tibiæ fringed. Wings moderately broad. Fore wings acute, with two gilded stripes, which are connected at the base; first stripe near the costa, emitting a spot and two exterior streaks from its hind side; first streak acutely angular inward; second oblique; second stripe including a short white line near its base; exterior border straight, very oblique. Hind wings æneous-cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Swan River. Presented by Sir J. Richardson.

ÆCOPHORA CONTENTELLA.

Fœm. Argenteo-alba; caput pallide ochraceum; palpi capitis latitudine duplo longiores, articulo 2o basi nigricante; thorax cupreo fasciatus; abdomen cupreum; alæ anticæ subacutæ, fasciis quatuor lineaque marginali cupreis; posticæ cupreæ.

Female. Silvery white. Head pale ochraceous. Palpi twice longer than the breadth of the head; second joint blackish towards the base; third very slender, shorter than the second. Thorax with a cupreous band. Abdomen and hind wings cinereous. Fore wings moderately broad, slightly acute, with four cupreous bands, and with a cupreous marginal line, which joins the fourth band by the interior angle; first band basal; exterior border slightly convex and oblique. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Diggles' collection.

ÆCOPHORA ABRUPTELLA.

Fœm. *Alba; palpi nigri, capitis latitudine plus duplo longiores, articulo 3o albo; alæ anticæ acutæ, fasciis tribus latis connexis cupreis, 1a postice dilatata, 2a postice abbreviata, 3a apicali; posticæ aurato-cinereæ.*

Female. White. Palpi black, more than twice longer than the breadth of the head; third joint white, slender, much shorter than the second. Fore wings acute, moderately broad, with three broad cupreous bands; first band before the middle, dilated along the interior border, connected by an oblique streak with the second, which is abbreviated hindward; third apical, recurved to the second; exterior border slightly convex, rather oblique. Hind wings gilded cinereous. Length of the body 3 lines; of the wings 7 lines.

a. Sydney. From Mr. Diggles' collection.

ÆCOPHORA FISSULELLA.

Mas. *Argenteo-alba; palpi subaurati; antennæ glabræ; thorax aureo trivittatus; tibiæ posticæ non fimbriatæ; alæ anticæ sat angustæ, apice subrotundatæ, aureo trivittatæ, vitta 1a tri-ramosa, striga aurea inter vittas posteriores; posticæ pallidissime cervinæ.*

Male. Silvery white. Palpi smooth, slender, slightly gilded, less than twice the length of the breadth of the head; third joint setiform, very little shorter than the second. Antennæ smooth, slender. Thorax with three gilded stripes. Abdomen and hind wings very pale fawn-colour, the former extending rather beyond the latter. Legs smooth, rather stout; hind tibiæ not fringed. Fore wings rather narrow, slightly rounded at the tips, with three gilded stripes; first stripe subcostal, emitting two very oblique

streaks to the costa; a gilded streak extending along half the length from the base between the second stripe and the third, which is along the interior border; exterior border straight, very oblique. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

a. Moreton Bay. From Mr. Diggles' collection.

ŒCOPHORA MEDIELLA.

Fœm. *Nivea; palpi capitis latitudine longiores, articulo 2o basi nigro; thorax nigricante fasciatus; abdomen flavo-cinereum; tibiæ posticæ fimbriatæ; alæ anticæ apice rotundatæ, basi fasciæque excavata maculaque subapicali nigricantibus, plagis duabus exterioribus cervinis, 1a maculam costalem nigricantem includente; posticæ flavo-cinereæ.*

Female. Pure white. Palpi smooth, slightly curved, longer than the breadth of the head; second joint black towards the base; third lanceolate, as long as the second. Antennæ much shorter than the fore wings. Thorax with a broad blackish band. Abdomen and hind wings yellowish cinereous. Hind tibiæ fringed. Fore wings rather broad, rounded at the tips, blackish at the base; a blackish band excavated in front on the outer side; two fawn-coloured more exterior patches; the first containing a blackish costal spot; the second smaller, and containing a subapical blackish spot; exterior border slightly convex, rather oblique; under side cinereous-brown. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Sydney. From Mr. Lambert's collection.

ŒCOPHORA HEPIALELLA.

Mas. *Aurato-lutea, crassa; palpi oblique ascendentes, capitis latitudine multo breviores; antennæ pubescentes, setulosæ; pedes robusti, breves, tibiis posticis fimbriatis; alæ anticæ apices versus rufo conspersæ, costa rufa, strigis duabus cinereis connexis fusco marginatis, striga brevi lata obliqua argentea; posticæ obscure fusæ.*

Male. Gilded luteous, thick, cinereous-yellow beneath. Palpi smooth, slender, obliquely ascending, much shorter than the breadth of the head; second joint curved; third lanceolate, straight, much shorter than the second. Antennæ pubescent, setulose. Abdomen extending beyond the hind wings. Legs stout, short; anterior legs

reddish; hind tibiæ fringed. Fore wings rounded at the tips, red along the costa and thickly speckled with red towards the tips; the red hue bounded by a straight line, which extends from the tips to the interior angle, and including two cinereous brown-bordered streaks, which extend obliquely, one from the costa, the other from the interior border, and are united in the interior disk; a broad short silvery streak extending obliquely across the luteous part; fringe dark brown, except at the base; under side and hind wings dark brown; fringe of the latter cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

ŒCOPHORA AMOTELLA.

Albida; palpi nigro strigati, capitis latitudine duplo longiores; thorax cupreo-fusco fasciatus; tibiæ posticæ nigro bifasciatæ; tarsi postici basi nigri; alæ anticæ apice rotundatæ, fasciis tribus latis cupreo-fuscis, 1a extus excavata, 2a postice abbreviata, 3a interrupta, punctis duobus nigris; posticæ cinereæ.

Whitish. Palpi twice longer than the breadth of the head; second joint black on the outer side towards the base; third slender, black on the inner side, except towards the tip, much shorter than the second. Thorax with a cupreous-brown band. Hind tibiæ with two broad black bands; hind tarsi black towards the base. Fore wings moderately broad, rounded at the tips, with three broad irregular cupreous-brown bands; first band near the base, much broader than the others, partly continued to the interior border, with a black point on its excavated outer border; second band abbreviated hindward; third apical, interrupted; a black point in the disk between the first and second bands; exterior border slightly convex, very oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

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ENDROSIS? KENNICOTTELLA.

Kennicottella, *Clms.*

Illinois.

Page 706.

BUTALIS TRIOCELLATA.

triocellata, Sta.

Calcutta.

Page 745.

CRYPTOLECHIA SEVERELLA.

Mas. *Alba, sat robusta; caput antice nigro-cinereum; thorax postice cupreus; abdomen cinereum; alæ anticæ acutæ, plaga maxima postica, striga costali exteriori intersecta strigulisque submarginalibus cupreis; posticæ cinereæ.*

Male. White, rather stout. Head blackish cinereous in front. Antennæ little more than half the length of the fore wings, black at the base. Thorax cupreous hindward. Abdomen cinereous. Fore wings acute, with a cupreous patch, which occupies nearly the whole length of the interior border, and two-thirds of the breadth of the wing; a cupreous streak along the exterior part of the costa, intersected near the tip by an oblique white line; some short slender cupreous longitudinal streaks along the exterior border, which is straight and rather oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

CRYPTOLECHIA TREMULELLA.

Mas. *Subochraceo-albida; antennæ pubescentes; abdomen albidum alas posticas longe superans; pedes robusti, squamosi; alæ anticæ apice subrotundatæ, puncto discali exteriori fusco; posticæ albidæ, costa fimbriata.*

Male. Whitish, stout. Thorax and fore wings slightly tinged with pale ochraceous. Palpi smooth, longer than the breadth of the head; third joint setiform, shorter than the second. Antennæ minutely pubescent. Abdomen extending much beyond the hind wings; apical appendages large. Legs stout, squamous. Wings moderately broad. Fore wings slightly rounded at the tips, with a brown point in the disk beyond the middle; exterior border convex, moderately oblique. Hind wings with a fringe along most of the

length of the costa; hairs of the fringe brown beneath. Length of the body 6 lines; of the wings 14 lines.

a. Villa Nova. From Mr. Bates' collection.

Page 748.

CRYPTOLECHIA ? ATTENUATALIS.

Mas. *Cupreo-fusca, gracilis, subtus argenteo-albida; antennæ subsetulosæ; abdomen valde attenuatum, alas posticas longissime superans, valvulis quatuor fasciculisque duobus penicillatis apicalibus; alæ anticæ apice subrotundatæ, lineis duabus albidis acute retractis, 1a costali, 2a subcostali; posticæ fuscescente-cinereæ.*

Male. Cinereous-brown, slender. Body silvery whitish beneath. Palpi smooth, slender, slightly curved, much longer than the breadth of the head. Antennæ minutely setulose. Abdomen much attenuated, extending for nearly half its length beyond the hind wings; four apical valves; two slender penicillate tufts above the dorsal valves, which are very small; ventral valves more than twice the length of the dorsal valves, broadly fringed above. Legs smooth, slender; spurs very long. Fore wings slightly rounded at the tips, with a whitish costal line, which extends from the base to one-third of the length, and is acutely retracted; a subcostal whitish line extending to two-thirds of the length, and there acutely retracted to the costa; fringe whitish towards the base; exterior border slightly convex, moderately oblique. Hind wings brownish cinereous. Length of the body 7 lines; of the wings 12 lines.

This species will form a new genus, but the specimen described is in a defective state.

Sarawak, Borneo. In Mr. Saunders' collection.

CRYPTOLECHIA DEJUNCTELLA.

Pallide ochracea; palpi capitis latitudine multo longiores, articulo 2o extus roseo; tibiæ posticæ late fimbriatæ; alæ anticæ acutæ, roseo marginatæ, margine exteriori subrecto perobliquo, fimbria cinerea; posticæ albæ, apice subroseæ.

Pale ochraceous. Palpi smooth, curved, much longer than the breadth of the head; second joint rosy on the outer side; third setiform, much shorter than the second. Hind tibiæ broadly fringed.

Wings moderately broad. Fore wings acute; a slight rosy line along the exterior and interior borders and along the apical part of the costa; costa and exterior border nearly straight, the latter very oblique; fringe cinereous; under side rosy. Hind wings white, with slightly rosy tips. Length of the body 4? lines; of the wings 10 lines.

a. Sydney. From Mr. Lambert's collection.

Page 801.

USSARA REPLETANA.

Mas. *Cupreo-fusca, subtus argentea; pedes anteriores argentei, postici argenteo annulati; alæ anticæ lineis tribus transversis fractis purpureo-chalybæis, lituris quinque auratis, macula apud marginem interiorem magna pallide flava; posticæ gutta postica punctisque marginalibus argenteis.*

Male. Dark cupreous-brown. Body beneath and anterior legs silvery white. Hind legs with silvery bands. Fore wings with three transverse dislocated interrupted chalybeous purple-tinged lines; a large pale yellow triangular spot, which rests on the interior border near the base; five gilded marks; first extending obliquely outward from near the tip of the triangular spot; second and third extending from the costa to the disk; fourth extending from the interior border to the disk; fifth longitudinal, exterior, extending nearly to the exterior border. Hind wings with a silvery white dot near the interior border beyond the middle, and with silvery white points along the exterior border. Length of the body 2 lines; of the wings 5 lines.

a, b. Ega. From Mr. Bates' collection.

Genus COYDALLA.

Corpus gracile. Palpi glabri, valde arcuati, capitis latitudine triplo longiores; articulus 3us setiformis, 2o multo longior. Antennæ alis anticis paullo breviores. Alæ anticæ elongatæ, acutæ, sat angustæ, margine exteriori subexcavato.

Allied to *Gelechia*. Body slender. Palpi smooth, much curved, about thrice longer than the breadth of the head; third joint setiform, much longer than the second. Antennæ a little shorter than the fore wings. Fore wings elongate, acute, rather narrow; exterior border slightly excavated in front.

1. COYDALLA INTERGUTTELLA.

Fuscescente-cinerea; antennæ argenteæ; pedes fusci, argenteo fasciati; alæ anticæ fasciis duabus latis æneo-fuscis, 2a subabbreviata, spatio intermedio subpurpureo guttam æneo-fuscam cinereo marginatam includente, linea marginali nigra; posticæ æneæ.

Brownish cinereous, smooth, shining. Antennæ silvery. Legs brown, with silvery bands. Fore wings with two broad æneous-brown bands, of which the second is slightly abbreviated at each end, except towards its outer border; intermediate space purplish tinged, including an æneous-brown cinereous-bordered dot; marginal line black, continued along the apical part of the costa; fringe yellowish towards the base. Hind wings æneous. Length of the body 3? lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Page 802.

Genus 93. CARNA.

Rhobonda, p. 802 (*bis lectum*), see p. 424.

1. CARNA PUNCTATELLA.

Rhobonda punctatella, p. 802.

Page 814.

Genus 107. THUBANA.

1. THUBANA DESIGNATELLA.

This genus and this species must be annulled, for they are identical with *Tiva binotella*, p. 822.

Genus VANICELA.

Mas. Corpus gracillimum. Palpi glabri, arcuati, gracillimi, capitis latitudine duplo longiores; articulus 3us setiformis, 2o paullo brevior. Antennæ gracillimæ, alis anticis vix breviores; articulus 1us dilatatus, fusiformis. Abdomen longum. Pedes læves, graciles. Alæ lanceolatae, acutæ, perangustæ.

Male. Body very slender. Palpi smooth, curved, very slender, about twice longer than the breadth of the head; third joint setiform, a little shorter than the second. Antennæ very slender, nearly as long as the fore wings; first joint nearly fusiform, much dilated. Abdomen long, extending for nearly its whole length beyond the hind wings. Legs smooth, slender. Wings lanceolate, acute, very narrow; fringe long.

1. VANICELA DISJUNCTELLA.

Mas. Alba; alæ anticæ vitta bis interrupta cuprea; posticæ albido-cinereæ.

Male. White. Abdomen and hind wings whitish cinereous. Fore wings with a cupreous stripe, which extends along the interior border, and is interrupted at one-fourth of its length and again near the middle. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. New Zealand. Presented by Col. Bolton.

Genus GASMARA.

Fæm. Corpus gracile. Palpi arcuati, capitis latitudine quadruplo longiores; articulus 3us 2o longior. Antennæ alis anticis paullo breviores. Abdomen alas posticas sat superans. Alæ anticæ apice rotundatæ, margine exteriori excavato.

Allied to *Æcophora*. *Female*.—Body slender. Palpi curved, four times longer than the breadth of the head; third joint longer than the second. Antennæ a little shorter than the fore wings. Abdomen extending somewhat beyond the hind wings. Fore wings rounded at the tips; exterior border excavated.

1. GASMARA CÆLATELLA.

Fœm. Cinerea; alæ linea marginali albida; anticæ purpurascens, apice rotundatæ, strigis duabus costalibus annulo discali guttisque duabus albidis.

Female. Cinereous. Wings with a whitish marginal line. Fore wings purplish, with two transverse whitish costal streaks, and with a whitish discal ringlet; two whitish dots, the interior one near the interior border, the exterior one contiguous to the interior border. Length of the body 3 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

Page 838.

ACROLEPIA MARCIDELLA.

marcidella, Ct.

ACROLEPIA ARNICELLA.

arnicella, Hdn.

Page 848.

ARGYRESTHIA DZIEDUSZYCKII.

Dzieduszyckii, Nowicki.

Page 849.

ARGYRESTHIA ?? PERORNATELLA.

Mas. Læte aurato-viridis, robusta, squamosa; caput purpureum, antice viride; palpi aurati, decumbentes; abdomen ochraceum; tibiæ posticæ validæ, calcaribus robustis; alæ anticæ aurato-flavæ, guttis quinque cupreis tumidis nigro marginatis, spatio ante medio aurato-viridi; posticæ purpureo-æneæ.

Male. Bright golden green, stout, squamous. Head purple, blue in front. Palpi pale gilded, smooth, decumbent, shorter than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ smooth. Abdomen ochraceous, extending much beyond the hind wings. Legs smooth, squamous; hind tibiæ stout, with four stout spurs. Wings narrow. Fore wings acute; more than half of the apical part gilded yellow, with five tumid black-bordered brilliant cupreous dots, of which two are on the fringe.

Hind wings purplish æneous. Length of the body 4 lines ; of the wings 9 lines.

a. North China. From Mr. Fortune's collection.

Page 858.

EUSPILOPTERYX ORICHALCEA.

orichalcea, *Sta.*

Page 861.

ORNIX FAGIVORA.

fagivora, *Fy.*—devoniella, *Fy. olim.*

ORNIX ACERIFOLIELLA.

acerifoliella, *Fitch.*

United States.

LOZOSTOMA FLAVOFASCIATA.

flavofasciata, *Sta.*

Calcutta.

LOZOSTOMA SEMISULPHUREA.

semisulphurea, *Sta.*

Calcutta.

Page 878.

COLEOPHORA WILKINSONI.

Wilkinsoni, *Scott.*

COLEOPHORA ARENARIELLA.

arenariella, *Wck.*

COLEOPHORA MELILOTELLA.

Melilotella, *Scott.*

COLEOPHORA ARDEÆPENNELLA.

ardeæpennella, *Scott.*

COLEOPHORA ARTEMISIELLA.

artemisiella, *Scott.*

COLEOPHORA BICOLORELLA.

bicolorella, *Sta.*

COLEOPHORA ZELLERI.

Zelleri, *Nowicki.*

Page 881.

COSMOPTERYX ASIATICA.

asiatica, *Sta.*

Calcutta.

COSMOPTERYX ? SEMICOCCINEA.

semicoccinea, *Sta.*

Calcutta.

COSMOPTERYX ? ÆNEELLA.

æneella, *Sta.*

Calcutta.

Page 911.

LITHOCOLLETIS UHLERELLA.

Uhlerella, *Fitch* (Argyromyges).

United States.

LITHOCOLLETIS OSTENSACKELLA.

Ostensackella, *Fitch* (Argyromyges).

United States.

LITHOCOLLETIS PSEUDACACIELLA.

pseudacaciella, *Fitch* (Argyromyges).

United States.

LITHOCOLLETIS MORRISELLA.

Morrisella, *Fitch* (Argyromyges).

United States.

Page 914.

PHYLLOCNISTIS CITRELLA.

citrella, *Sta.*

Calcutta.

Page 926.

NEPTICULA ULMIVORA.

ulmivora, *Fy.*

NEPTICULA SORBI.

sorbi, *Sta.*

NEPTICULA POMELLA.

pomella, *Sta.*—pygmæella, *Fy.*

NEPTICULA DISTINGUENDA.

distinguenda, *Hnmn.*

NEPTICULA OBLIQUELLA.

obliquella, *Hnmn.*

NEPTICULA SIMPLICELLA.

simplicella, *Hnmn.*

NEPTICULA FRAGARIELLA.

fragariella, *Hdn. MSS., Hnmn.*

NEPTICULA SPECIOSA.

speciosa, *Fy.*

NEPTICULA DULCELLA.

dulcella, *Hnmn.*

NEPTICULA INÆQUALIS.

inæqualis, *Hnmn.*

NEPTICULA ÆNEELLA.

æneella, *Hnmn.*—pygmæella? *H.-S.*

NEPTICULA NITIDELLA.

nitidella, *Hnmn.*

NEPTICULA BASIGUTTELLA.

basiguttella, *Hnmn.*

NEPTICULA PRETIOSA.

pretiosa, *Hnmn.*

NEPTICULA CASTANELLA.

castanella, *Edleston.*

NEPTICULA PARADOXA.

paradoxa, *Fy.**Page 932.**For 5. OXYPTILUS PILOSELLUS read 5. OXYPTILUS PILOSELLÆ.**Page 1004.**For TINEA INCONCISELLA (nomen bis lectum) read TINEA SPERNATELLA.*

ABBREVIATIONS

OF THE

NAMES OF AUTHORS.

<i>A. S. F.</i> 'Annales de la Société Entomologique de France.	<i>F. R. and Fr.</i> (see p. 216). Fischer Edler von Roeslerstamm.
<i>Anon.</i> Anonymous, 'Lepidoptera of Surinam.	<i>Froel.</i> Frölich.
<i>Atkn.</i> Atkinson.	<i>Fr., Frey and Frr.</i> Freyer.
<i>Bd.</i> Boisduval.	<i>Fy.</i> Frey.
<i>Bent., Btl. and Btly.</i> Bentley.	<i>Fsch.</i> Fischer.
<i>Bjkd.</i> Bjerkander.	<i>Fthl.</i> Feisthamel.
<i>Bkh.</i> Borkhausen.	<i>Gd. and Gdt.</i> Godart.
<i>Brd.</i> Bruand.	<i>Gff.</i> Geoffroy.
<i>Byr.</i> Boyer.	<i>Gn.</i> Guenée.
<i>Chrtph.</i> Christopher.	<i>Hb.</i> Hübner.
<i>Clk.</i> Clerck.	<i>Hdn. and Hyd.</i> Heyden.
<i>Clms.</i> Clemens.	<i>Hml.</i> Hummel.
<i>Cr.</i> Cramer.	<i>Hnmn.</i> Heinemann.
<i>Ct. and Curt.</i> Curtis.	<i>Hp.</i> Humphrey.
<i>Cta.</i> Costa.	<i>H.-S.</i> Herrich-Schæffer.
<i>Cyl.</i> Coquerel.	<i>Hw.</i> Haworth.
<i>Dbl.</i> Doubleday.	<i>Kll. and Klr.</i> Kollar.
<i>Dg.</i> Degeer.	<i>Kln.</i> Kolenati.
<i>Dgl.</i> Douglas.	<i>L.</i> Linnæus.
<i>Dn. and Dvn.</i> Donovan.	<i>Latr. and Ltr.</i> Latreille.
<i>Dp.</i> Duponchel.	<i>Lch.</i> Leach.
<i>Ent. Mag.</i> 'Entomological Magazine.'	<i>Ld.</i> Lederer.
<i>Esp.</i> Esper.	<i>Mchl., Msch., Msclr., Mschlr. and Mslr.</i> Moeschler.
<i>Ev.</i> Eversmann.	<i>Metzn. and Mtzn.</i> Metzner.
<i>F.</i> Fabricius.	<i>Mill. and Mlre.</i> Millière.
	<i>Mn.</i> Mann.

<i>Mtshky. and Mtshly.</i>	Motschulsky.	<i>Slz. and Sulz.</i>	Sulzer.
<i>Naturf.</i>	'Der Naturforscher.'	<i>St. and Stp.</i>	Stephens.
<i>Nwn.</i>	Newman.	<i>Sta., Stn. and Stt.</i>	Stainton.
<i>Och.</i>	Ochsenheimer.	<i>Std.</i>	Staudinger.
<i>Olv.</i>	Olivier.	<i>Tgstr.</i>	Tengström.
<i>Phlp.</i>	Philippi.	<i>Th., Thbg. and Thnb.</i>	Thunberg.
<i>Prtw.</i>	Prittwitz.	<i>Tr.</i>	Treitschke.
<i>Pty.</i>	Perty.	<i>Vlrs.</i>	Villers.
<i>Pz.</i>	Panzer.	<i>Wck.</i>	Wocke.
<i>Pls.</i>	Pallas.	<i>Wd.</i>	Wood.
<i>Ratz. and Rtz.</i>	Ratzeburg.	<i>Wilk.</i>	Wilkinson.
<i>Retz. and Rtzs.</i>	Retzius.	<i>Wlgn.</i>	Wallengren.
<i>Rmr.</i>	Reaumur.	<i>Wltn.</i>	Wollaston.
<i>Sam.</i>	Samouelle.	<i>Wnr.</i>	Wenner.
<i>Sc., Scop. and Sep.</i>	Scopoli.	<i>Wtw.</i>	Westwood.
<i>Schl., Schlg. and Schlgr.</i>	Schläger.	<i>W. V.</i>	Wien. Verz., &c.
<i>Schr.</i>	Schrank.	<i>Zk.</i>	Zinken.
<i>Stdf.</i>	Standfuss.	<i>Zl.</i>	Zeller.
<i>Sdfky., Sdfy., Sdky. and Sod.</i>	Sodoffsky.	<i>Zt. and Ztt.</i>	Zetterstedt.

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